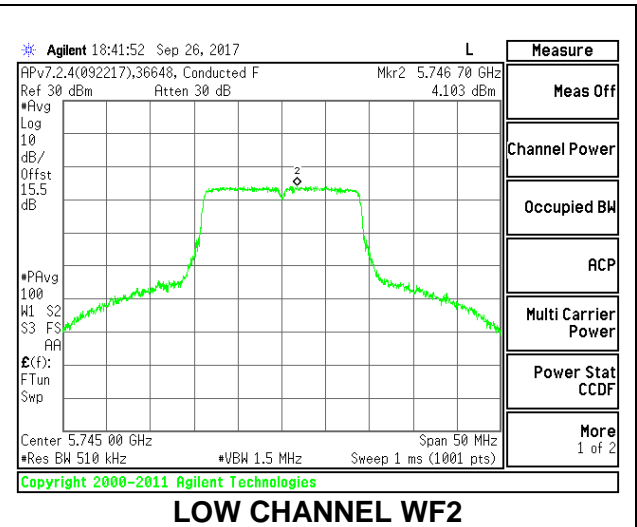
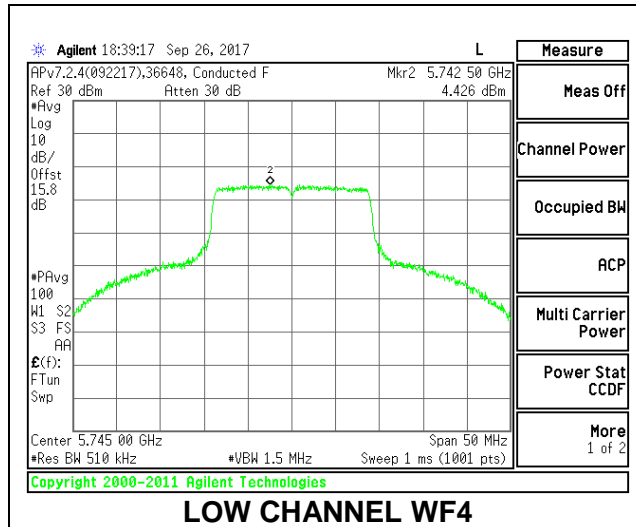
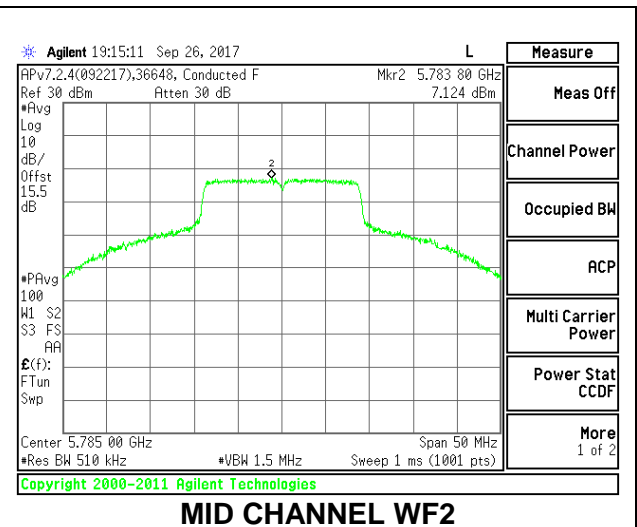
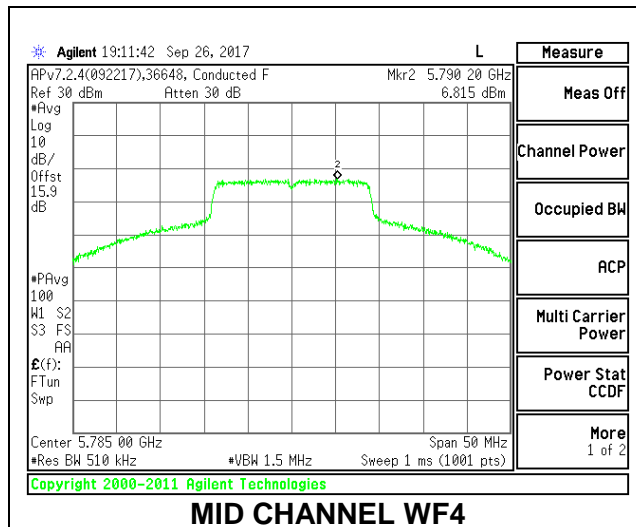


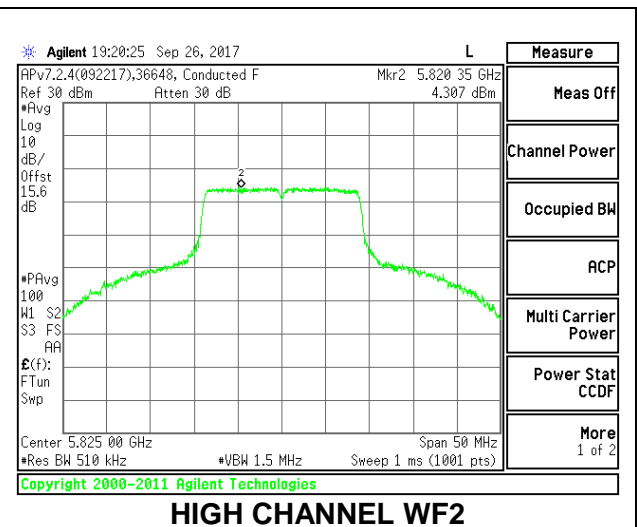
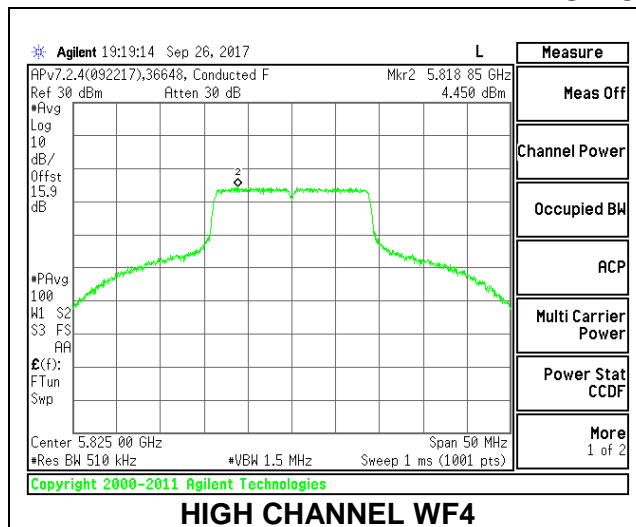
**LOW CHANNEL**



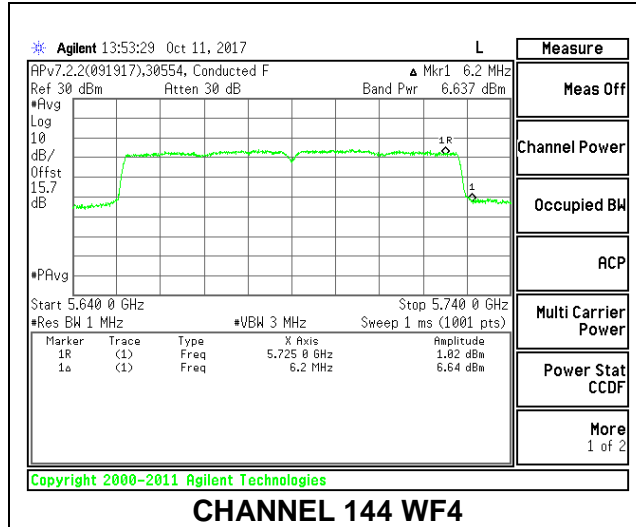
**MID CHANNEL**



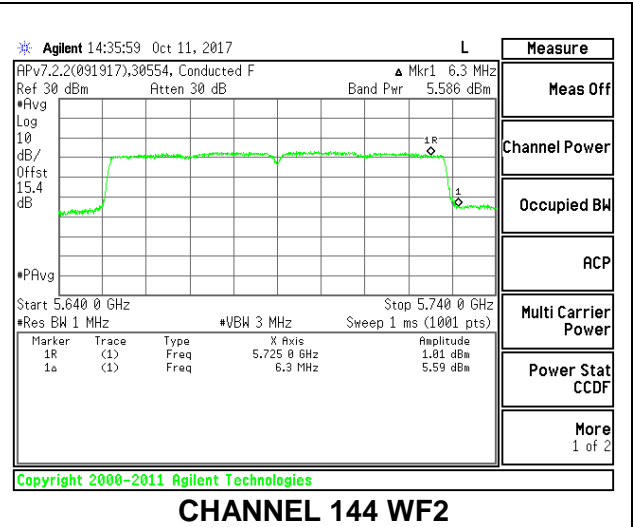
**HIGH CHANNEL**



### CHANNEL 144 OUTPUT POWER

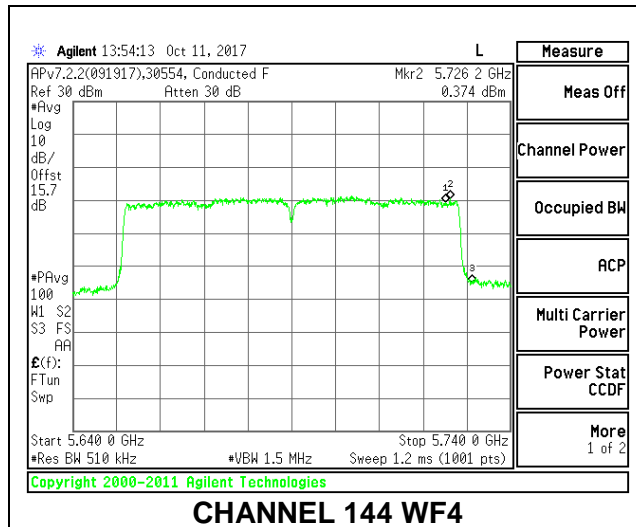


**CHANNEL 144 WF4**

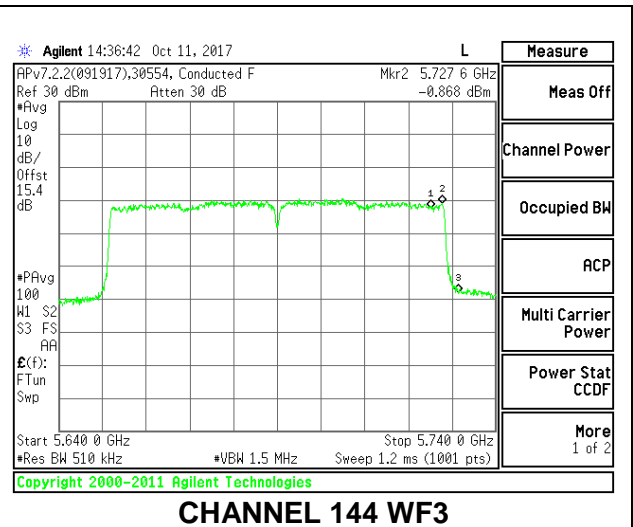


**CHANNEL 144 WF2**

### CHANNEL 144 PSD



**CHANNEL 144 WF4**



**CHANNEL 144 WF3**

**2TX Antenna WF3 + Antenna WF2 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	2.33	5.30	30.00	30.00
Mid	5785	2.33	5.30	30.00	30.00
High	5825	2.33	5.30	30.00	30.00
144	5720	2.33	5.30	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.23	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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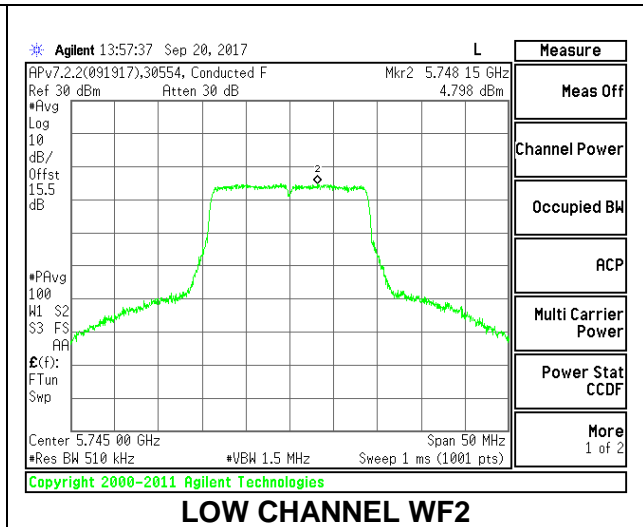
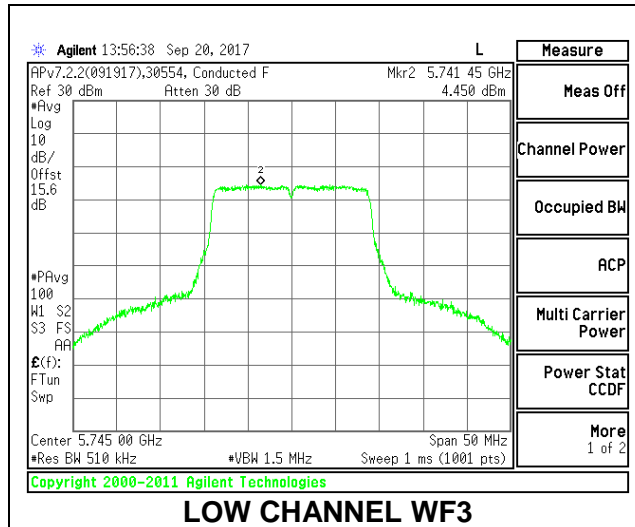
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.84	18.88	21.87	30.00	-8.13
Mid	5785	21.91	21.94	24.94	30.00	-5.06
High	5825	18.89	18.94	21.93	30.00	-8.07
144	5720	10.17	10.23	13.44	30.00	-16.56

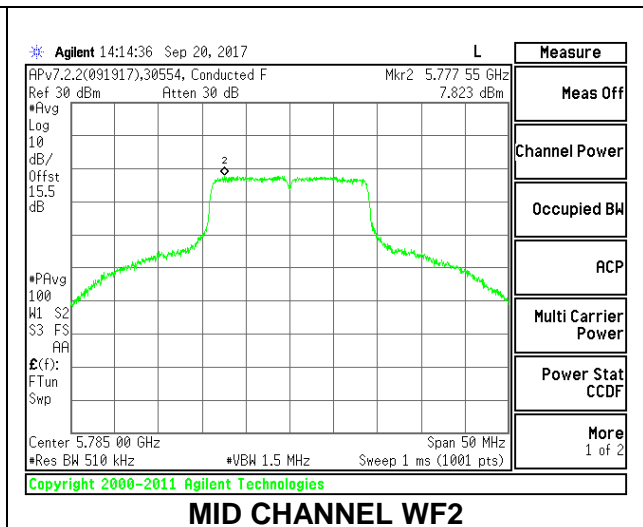
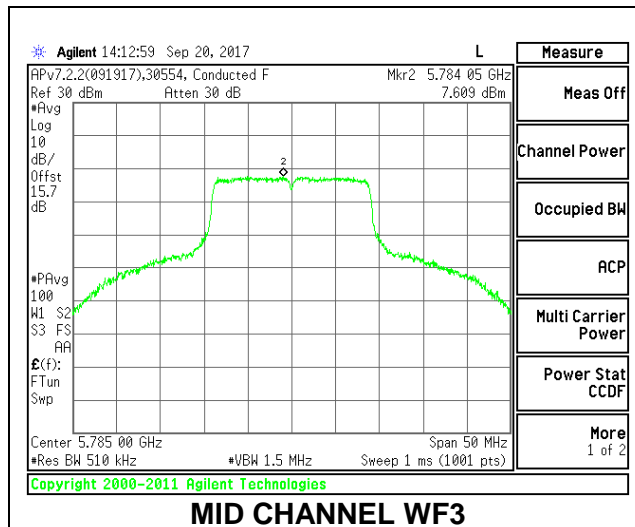
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.450	4.798	7.868	30.00	-22.13
Mid	5785	7.609	7.823	10.958	30.00	-19.04
High	5825	4.835	5.023	8.170	30.00	-21.83
144	5720	2.291	2.513	5.644	30.00	-24.36

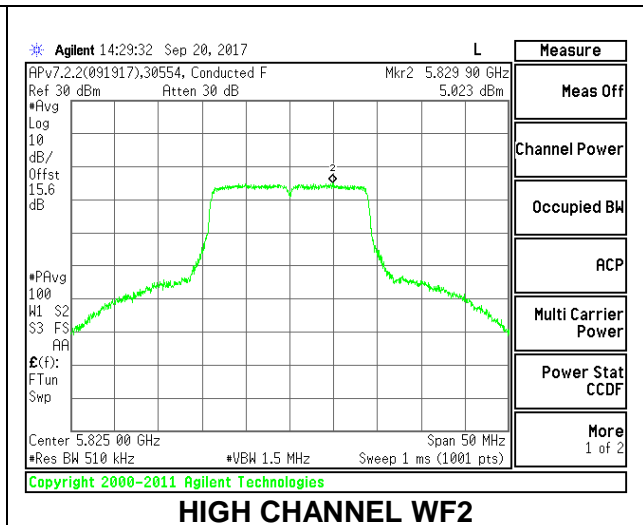
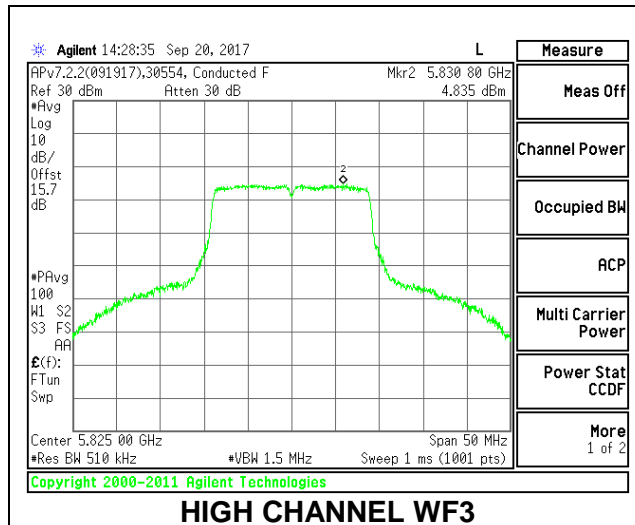
**LOW CHANNEL**



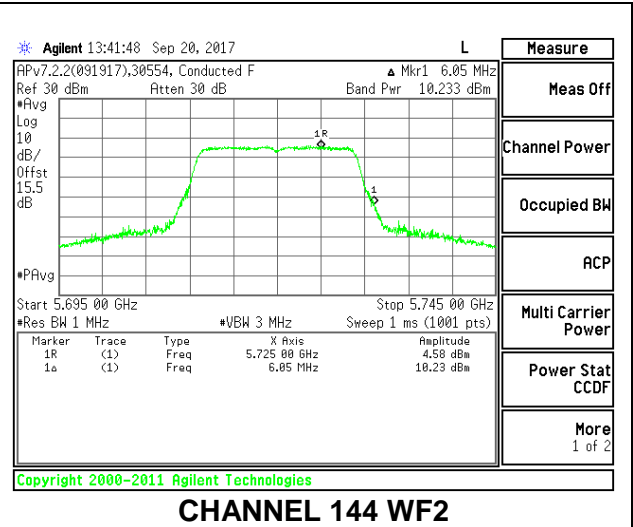
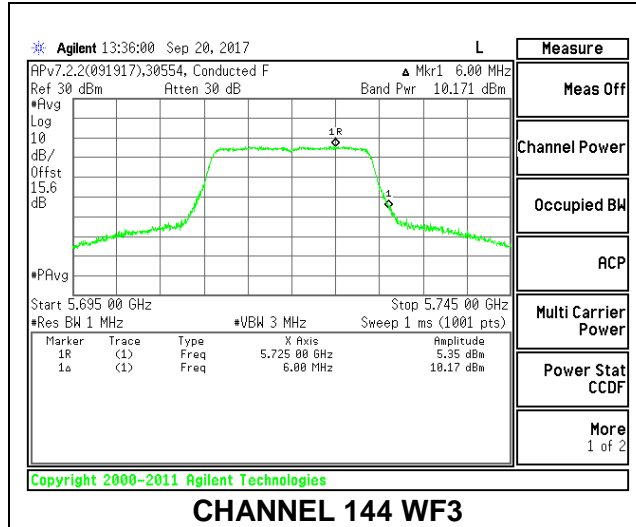
**MID CHANNEL**



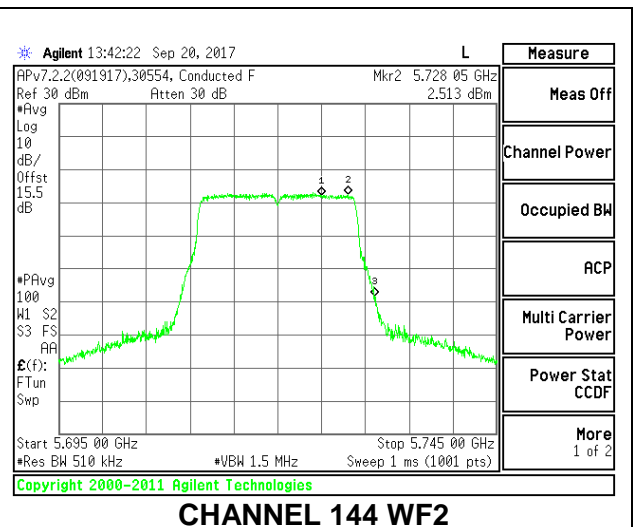
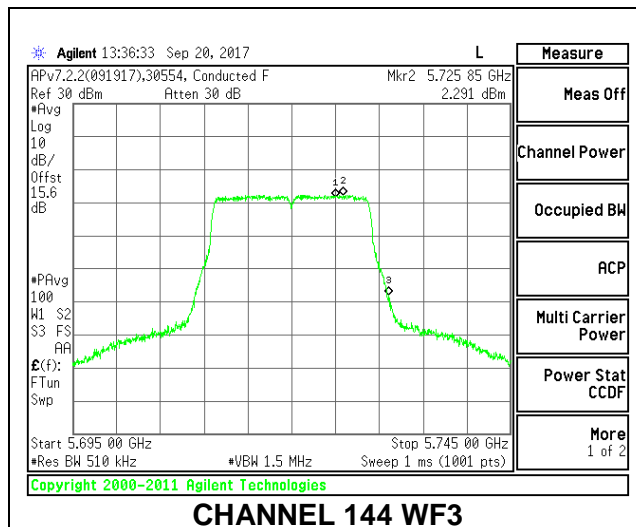
**HIGH CHANNEL**



### CHANNEL 144 OUTPUT POWER



### CHANNEL 144 PSD



**2TX Antenna WF3 + Antenna WF2 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	2.33	2.33	30.00	30.00
Mid	5785	2.33	2.33	30.00	30.00
High	5825	2.33	2.33	30.00	30.00
144	5720	2.33	2.33	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.23	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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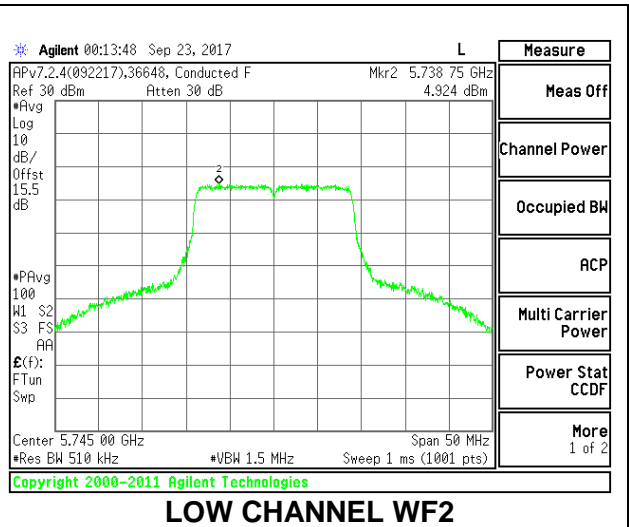
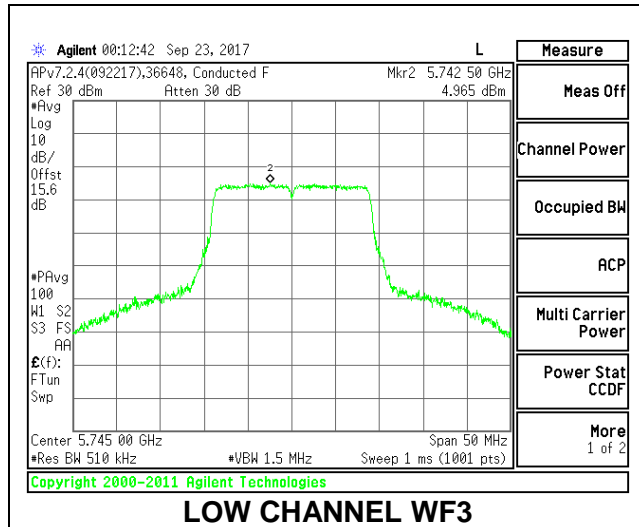
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.88	18.92	21.91	30.00	-8.09
Mid	5785	21.86	21.91	24.90	30.00	-5.10
High	5825	18.81	18.86	21.85	30.00	-8.15
144	5720	10.12	10.12	13.36	30.00	-16.64

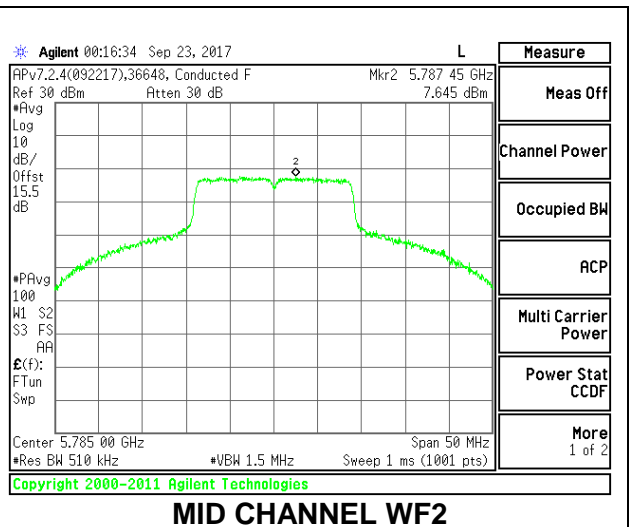
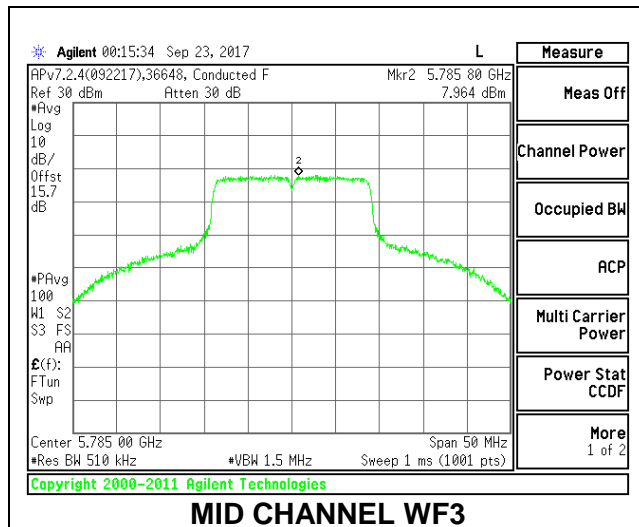
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.965	4.924	8.185	30.00	-21.82
Mid	5785	7.964	7.645	11.048	30.00	-18.95
High	5825	4.922	4.792	8.098	30.00	-21.90
144	5720	2.401	2.418	5.650	30.00	-24.35

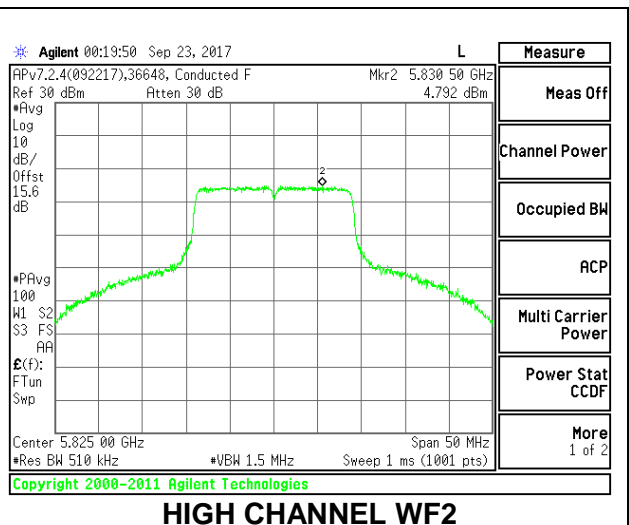
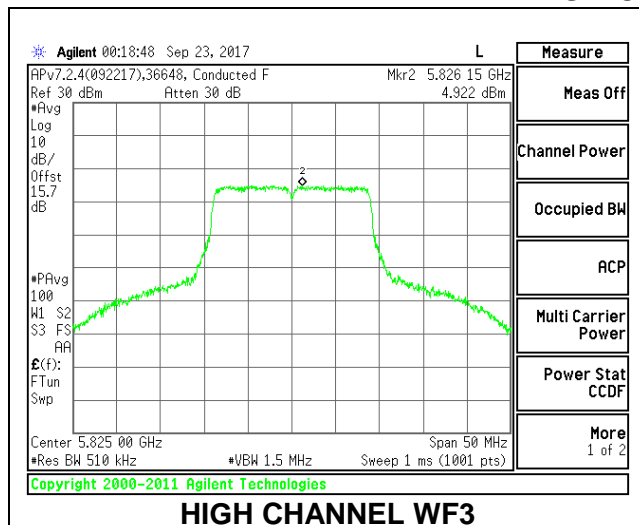
**LOW CHANNEL**



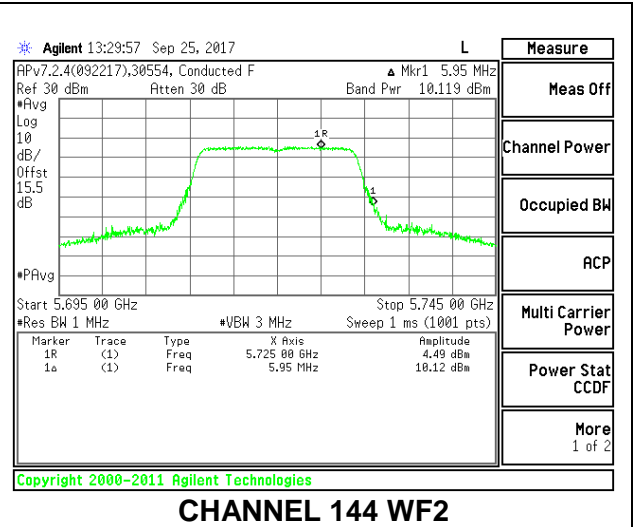
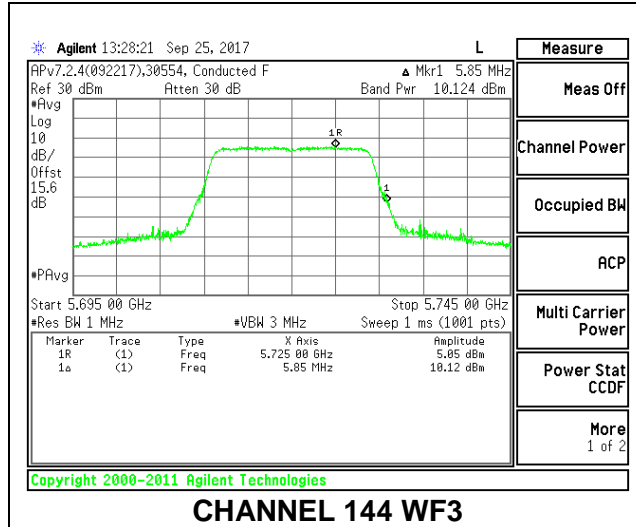
**MID CHANNEL**



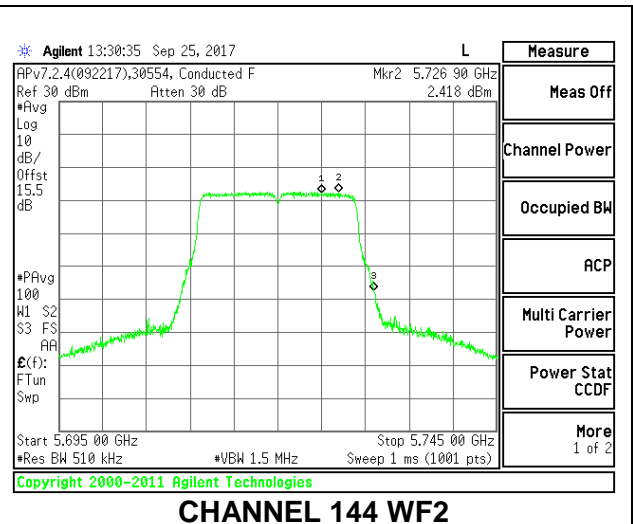
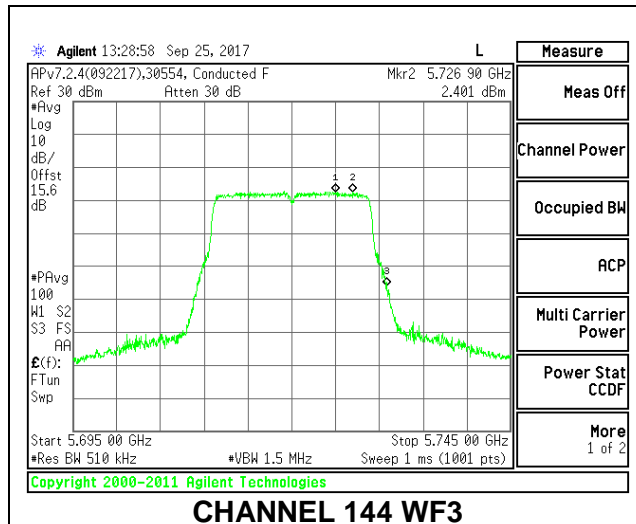
**HIGH CHANNEL**



### CHANNEL 144 OUTPUT POWER



### CHANNEL 144 PSD





**2TX Antenna WF3 + Antenna WF2 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	5.30	5.30	30.00	30.00
Mid	5785	5.30	5.30	30.00	30.00
High	5825	5.30	5.30	30.00	30.00
144	5720	5.30	5.30	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.12	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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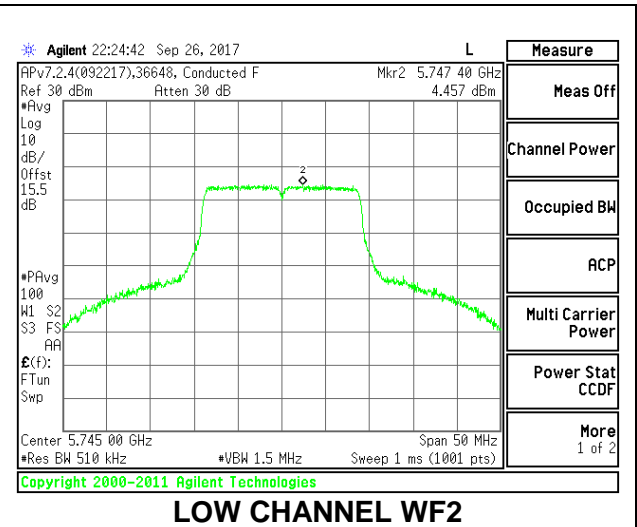
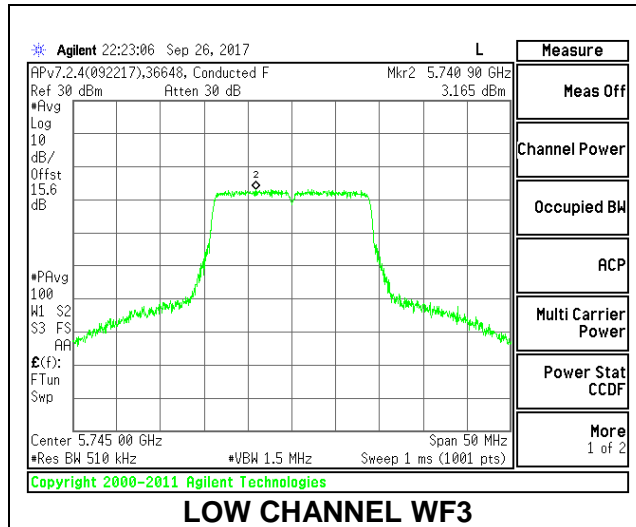
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.38	18.45	21.43	30.00	-8.57
Mid	5785	21.79	21.85	24.83	30.00	-5.17
High	5825	18.35	18.43	21.40	30.00	-8.60
144	5720	6.42	6.24	9.46	30.00	-20.54

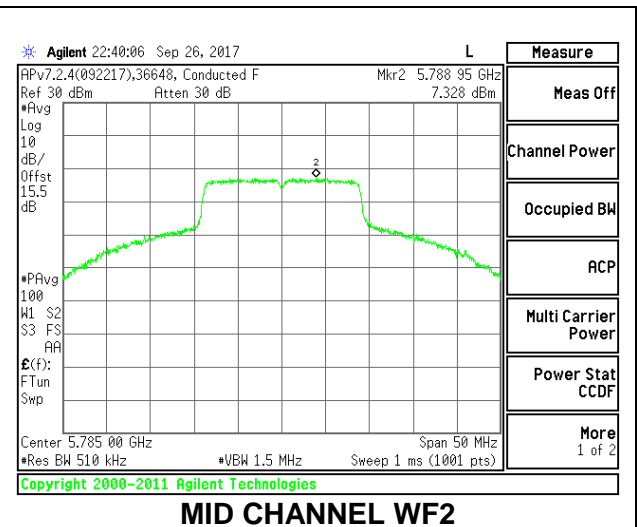
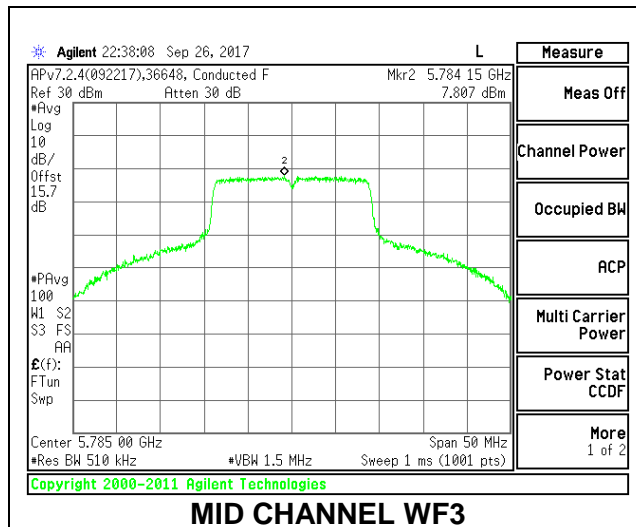
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	3.165	4.457	6.989	30.00	-23.01
Mid	5785	7.807	7.328	10.704	30.00	-19.30
High	5825	2.724	4.471	6.815	30.00	-23.18
144	5720	-0.767	-0.490	2.504	30.00	-27.50

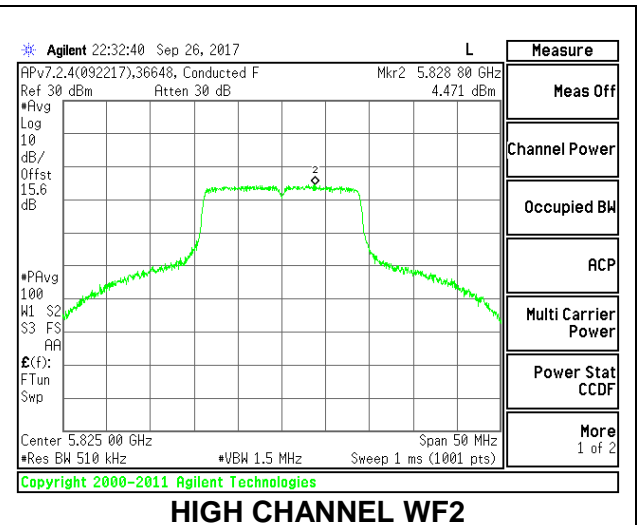
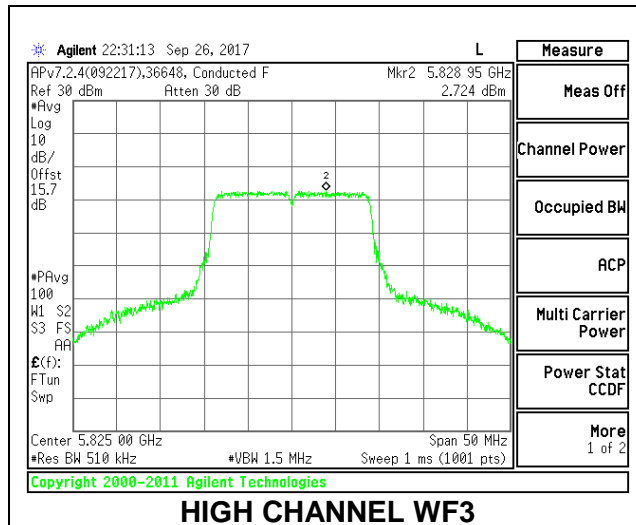
**LOW CHANNEL**



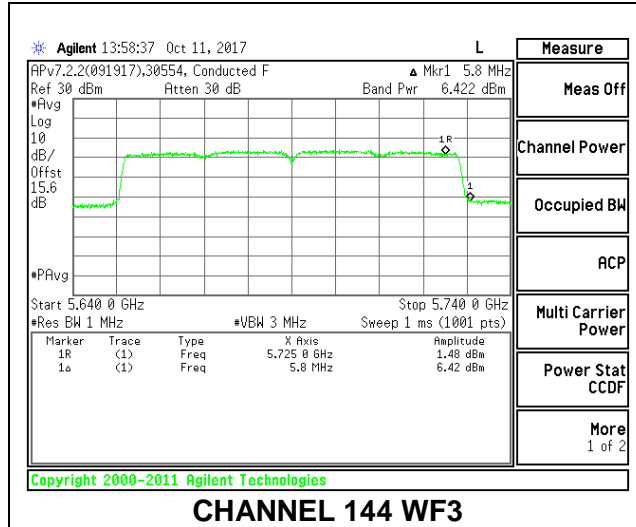
**MID CHANNEL**



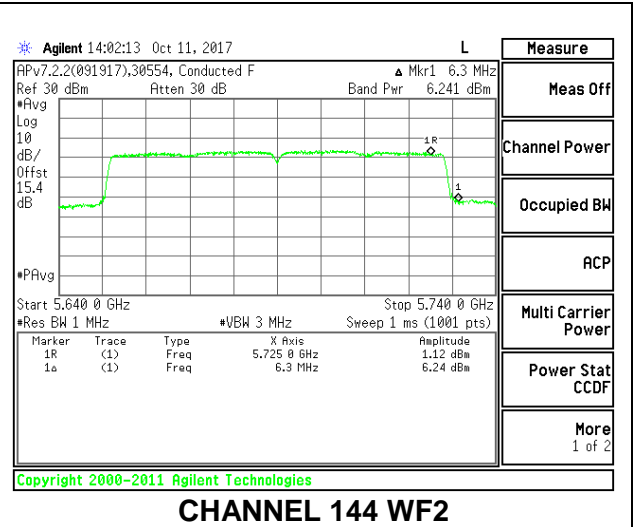
**HIGH CHANNEL**



### CHANNEL 144 OUTPUT POWER

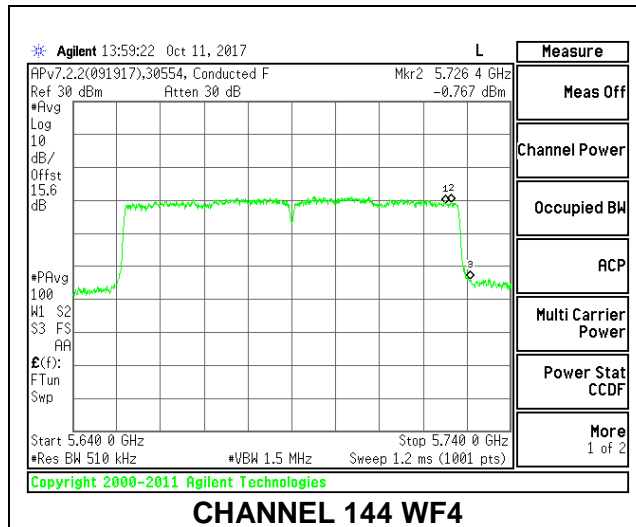


**CHANNEL 144 WF3**

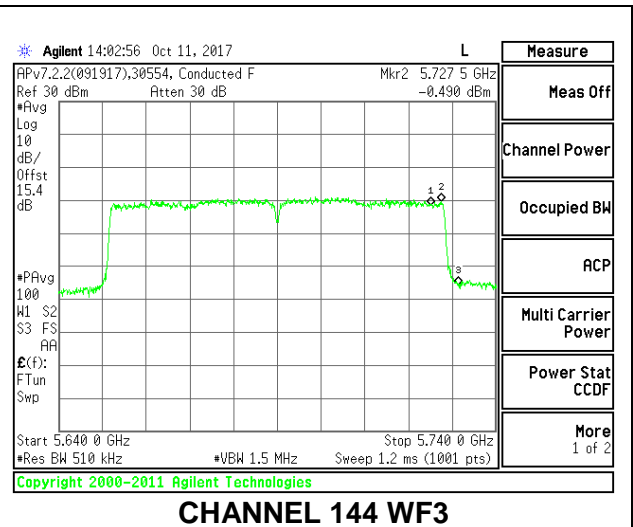


**CHANNEL 144 WF2**

### CHANNEL 144 PSD



**CHANNEL 144 WF4**



**CHANNEL 144 WF3**

**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	1.93	6.65	30.00	29.35
Mid	5785	1.93	6.65	30.00	29.35
High	5825	1.93	6.65	30.00	29.35
144	5720	1.93	6.65	30.00	29.35

<b>Duty Cycle CF (dB)</b>	0.23	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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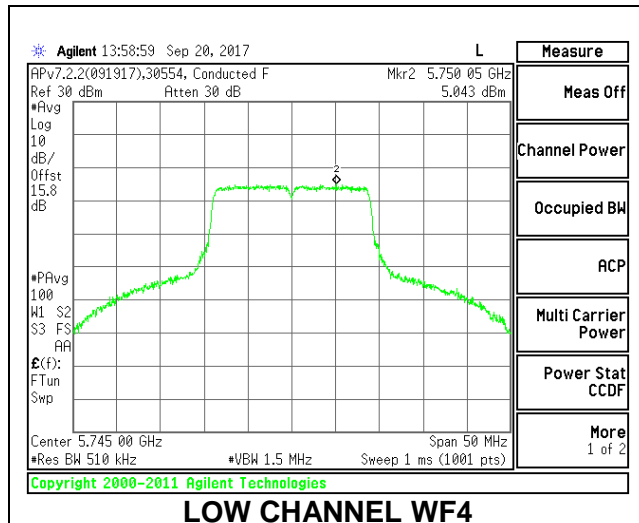
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.84	18.78	18.88	23.60	30.00	-6.40
Mid	5785	21.91	21.82	21.89	26.64	30.00	-3.36
High	5825	18.81	18.76	18.86	23.58	30.00	-6.42
144	5720	7.03	7.37	7.20	12.20	30.00	-17.80

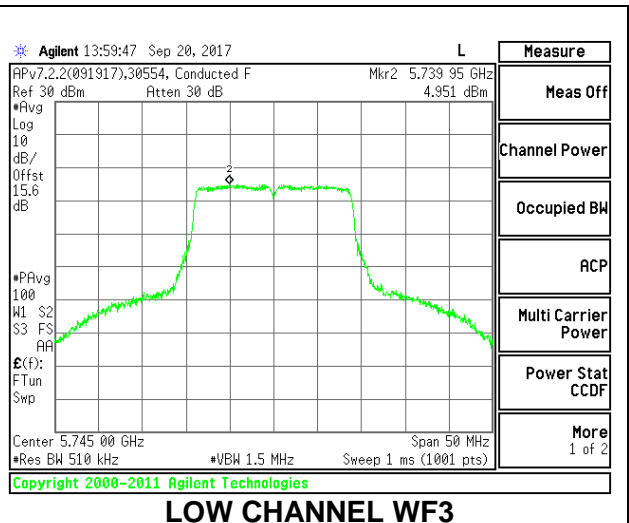
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	5.043	4.951	5.164	10.055	29.35	-19.30
Mid	5785	7.725	7.827	5.778	12.208	29.35	-17.14
High	5825	4.762	4.597	5.047	9.807	29.35	-19.54
144	5720	-0.782	0.215	-0.310	4.728	29.35	-24.62

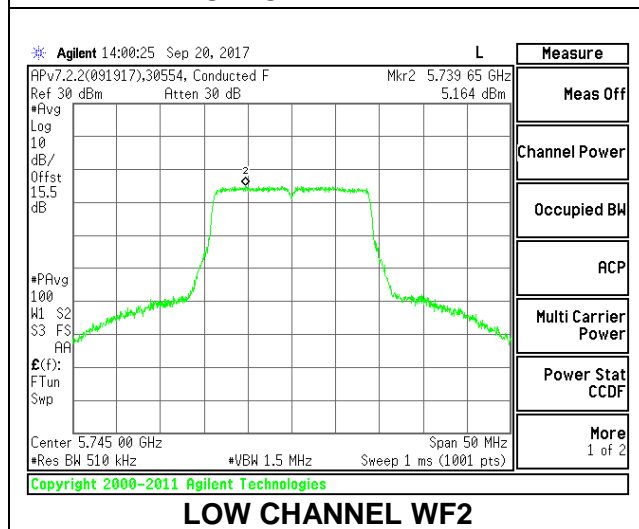
### LOW CHANNEL



**LOW CHANNEL WF4**

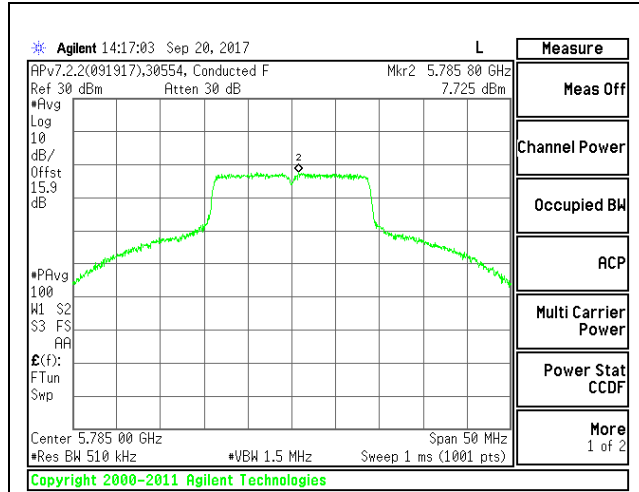


**LOW CHANNEL WF3**

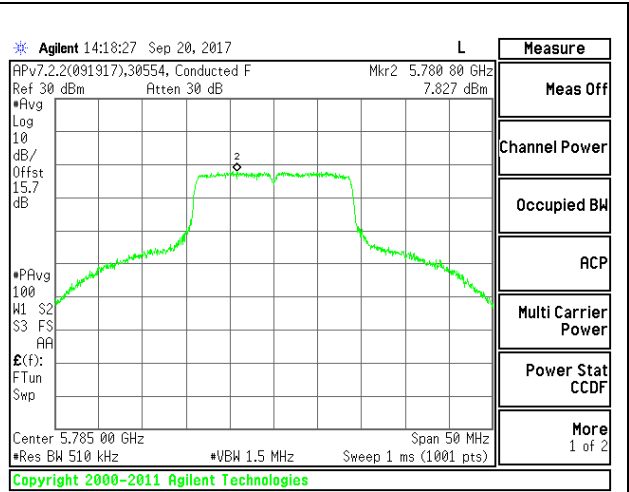


**LOW CHANNEL WF2**

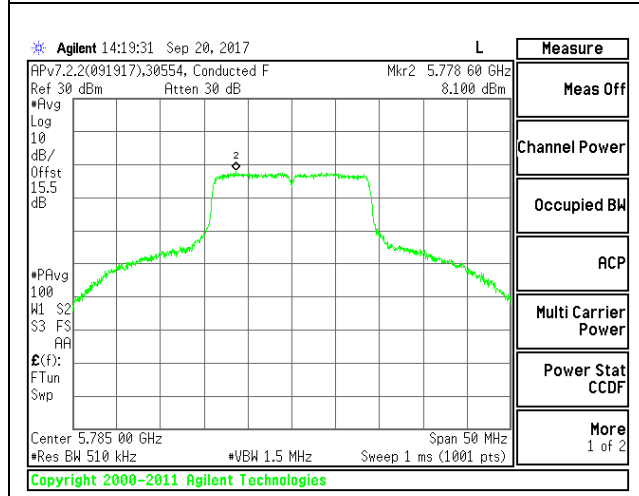
**MID CHANNEL**



**MID CHANNEL WF4**

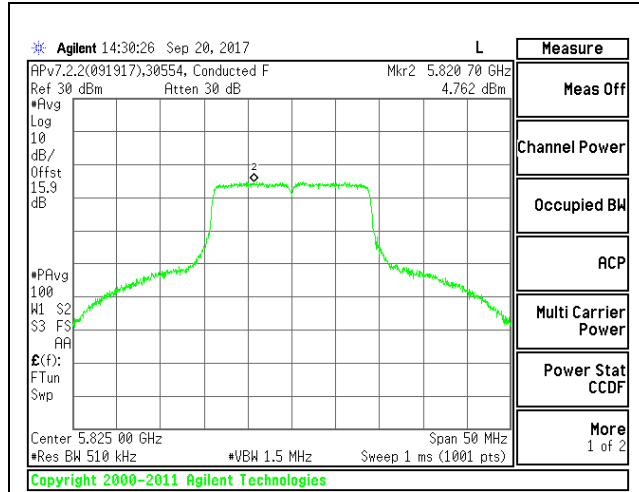


**MID CHANNEL WF3**

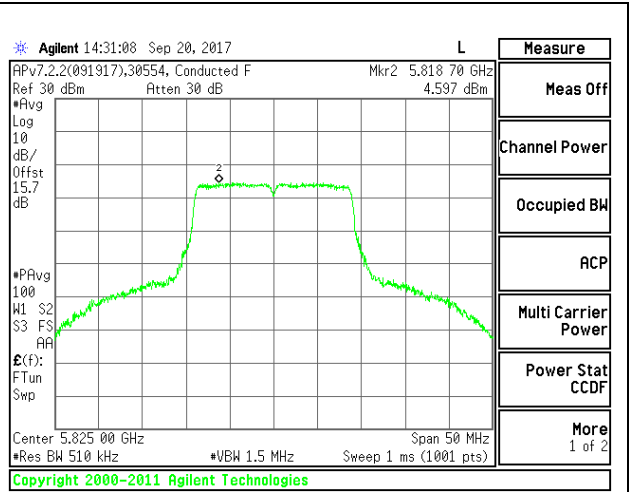


**MID CHANNEL WF2**

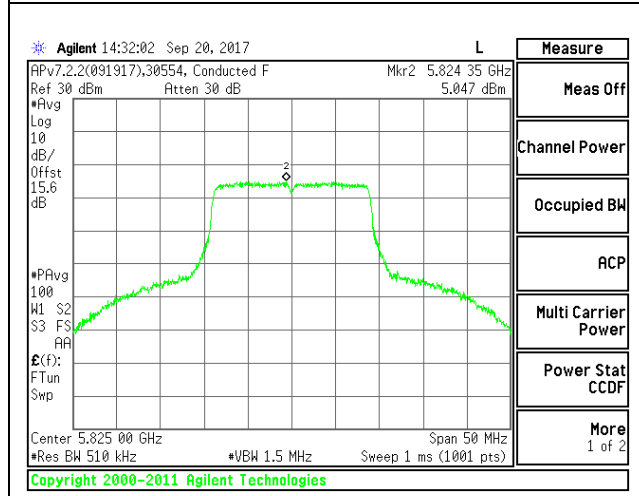
**HIGH CHANNEL**



**HIGH CHANNEL WF4**

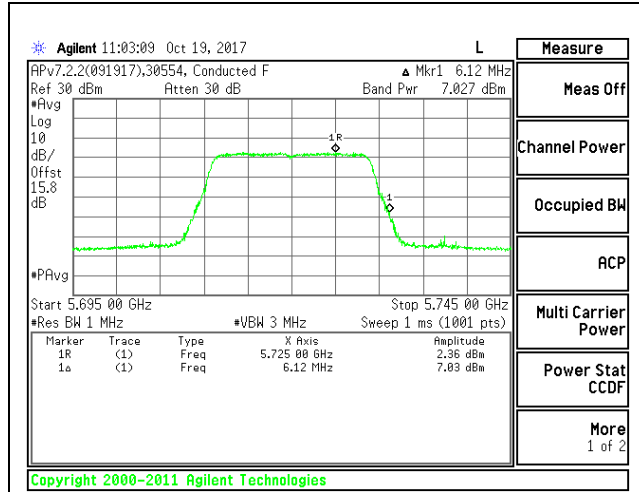


**HIGH CHANNEL WF3**

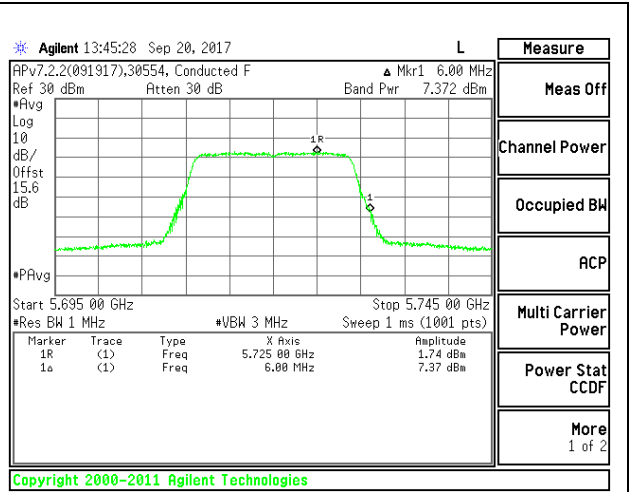


**HIGH CHANNEL WF2**

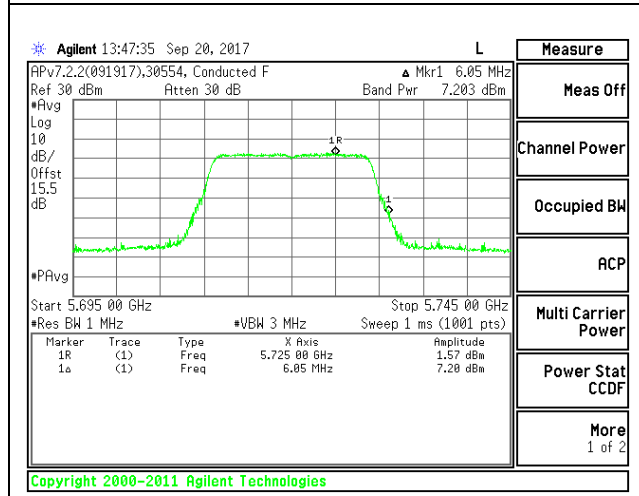
### CHANNEL 144 OUTPUT POWER



**CHANNEL 144 WF4**



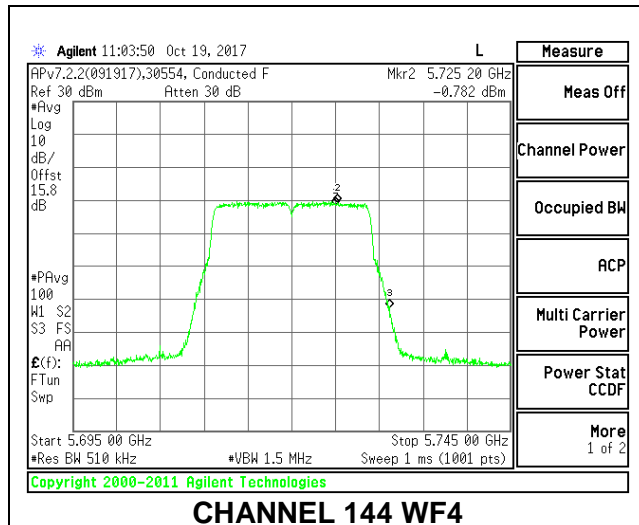
**CHANNEL 144 WF3**



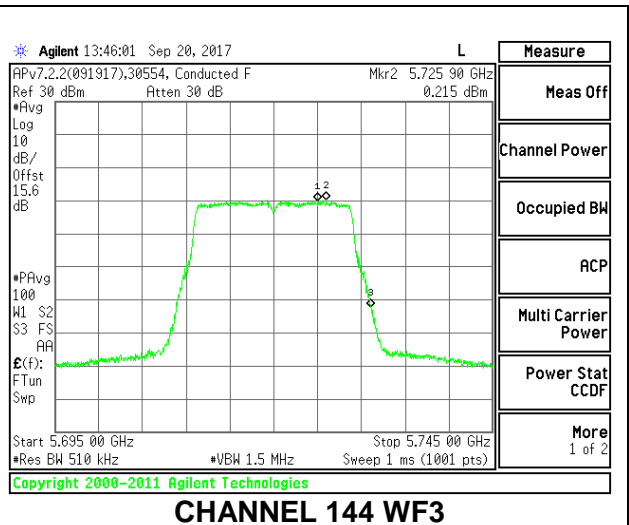
**CHANNEL 144 WF2**



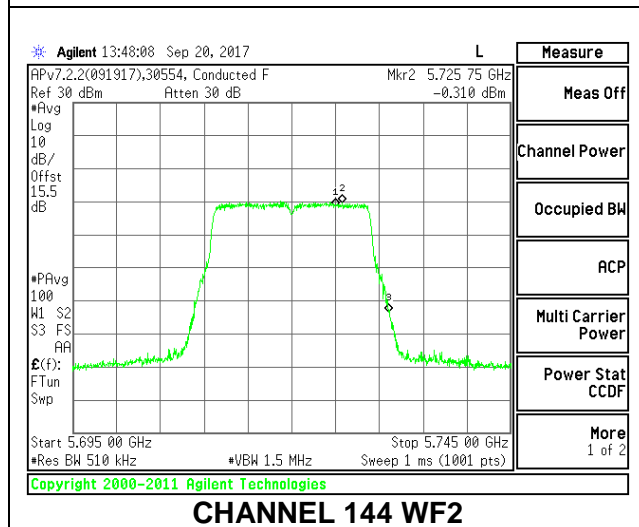
### CHANNEL 144 PSD



**CHANNEL 144 WF4**



**CHANNEL 144 WF3**



**CHANNEL 144 WF2**

**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	1.93	1.93	30.00	30.00
Mid	5785	1.93	1.93	30.00	30.00
High	5825	1.93	1.93	30.00	30.00
144	5720	1.93	1.93	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.26	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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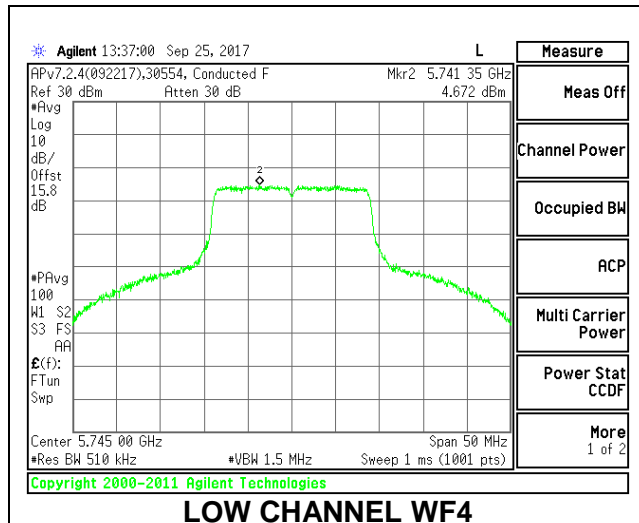
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.85	18.81	18.91	23.63	30.00	-6.37
Mid	5785	21.91	21.86	21.89	26.66	30.00	-3.34
High	5825	18.84	18.81	18.88	23.61	30.00	-6.39
144	5720	8.26	8.04	8.25	13.21	30.00	-16.79

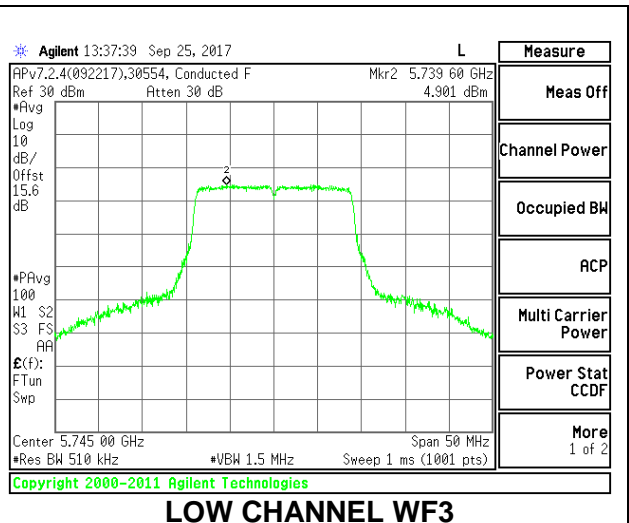
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.672	4.901	4.728	9.799	30.00	-20.20
Mid	5785	7.426	7.643	7.761	12.643	30.00	-17.36
High	5825	5.013	4.966	4.848	9.974	30.00	-20.03
144	5720	0.691	0.262	0.637	5.565	30.00	-24.43

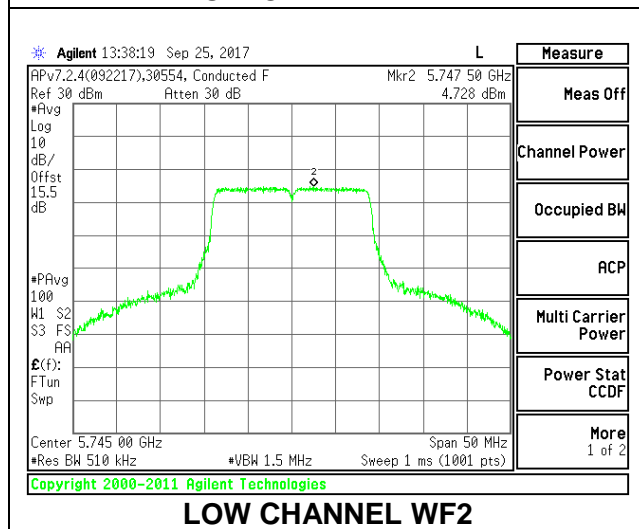
### LOW CHANNEL



**LOW CHANNEL WF4**

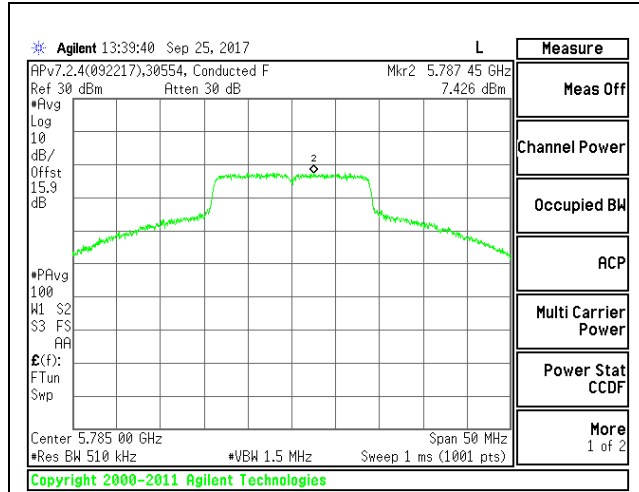


**LOW CHANNEL WF3**

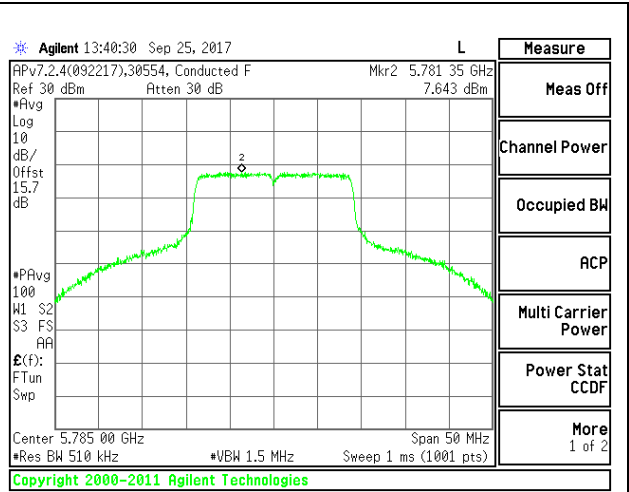


**LOW CHANNEL WF2**

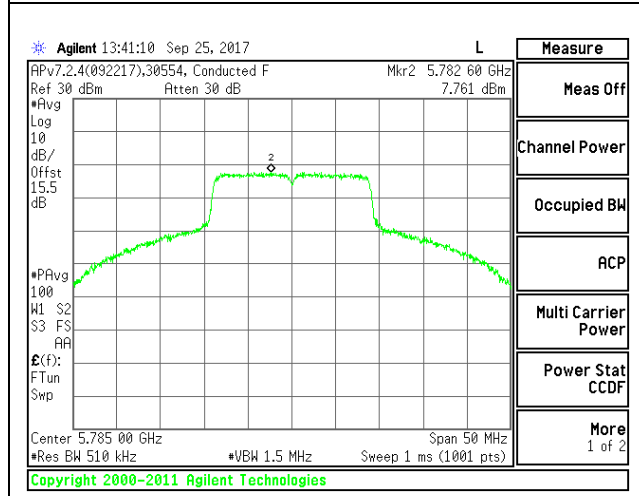
**MID CHANNEL**



**MID CHANNEL WF4**

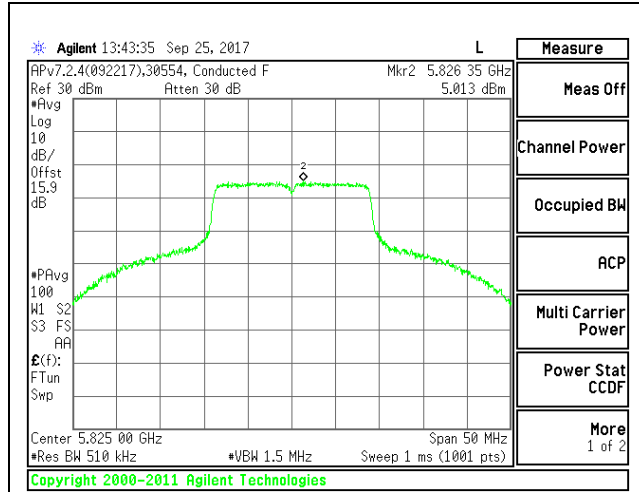


**MID CHANNEL WF3**

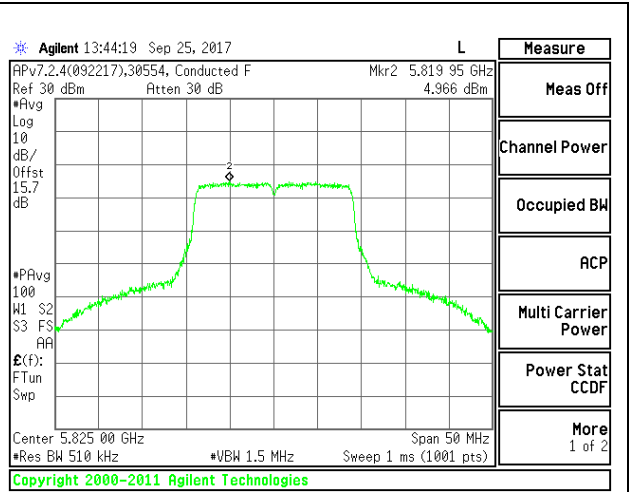


**MID CHANNEL WF2**

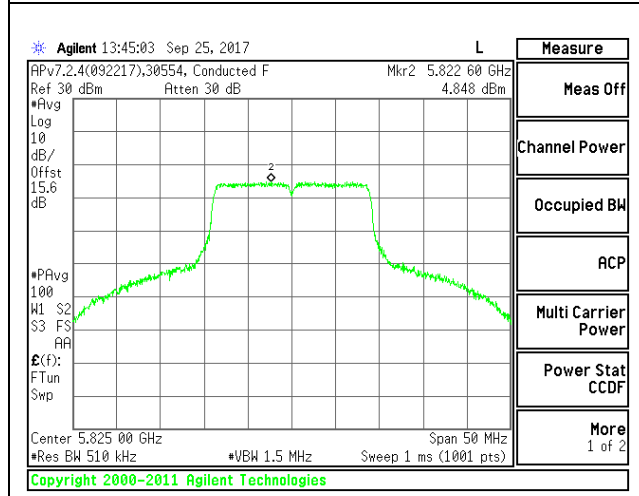
**HIGH CHANNEL**



**HIGH CHANNEL WF4**

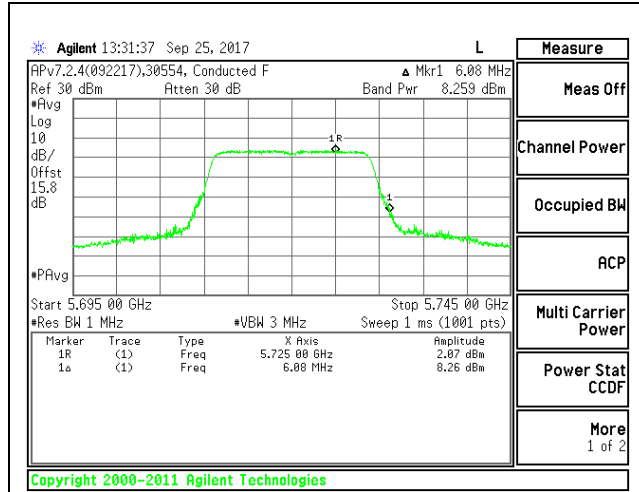


**HIGH CHANNEL WF3**

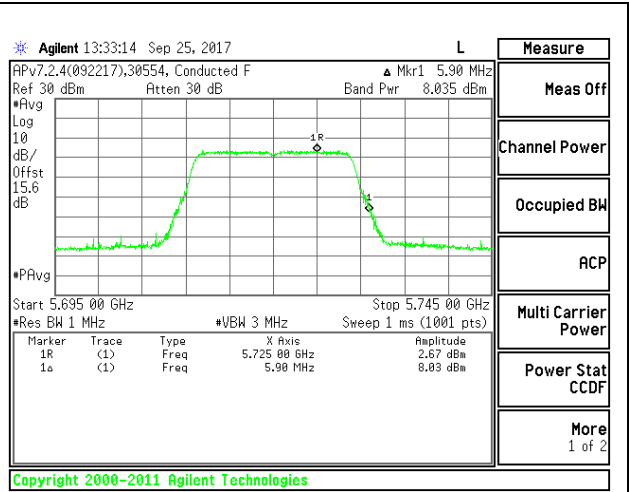


**HIGH CHANNEL WF2**

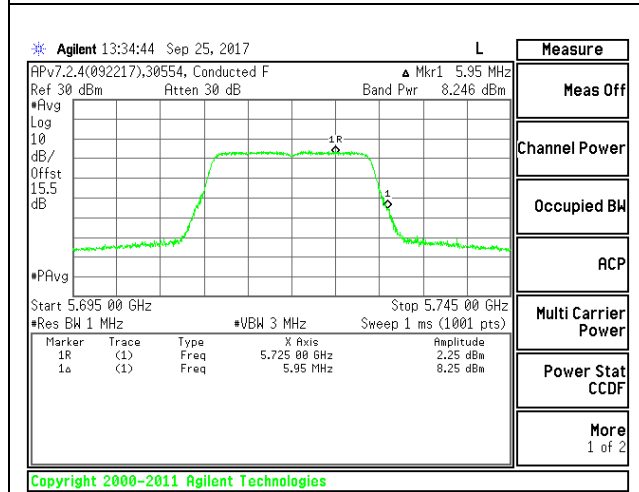
### CHANNEL 144 OUTPUT POWER



**CHANNEL 144 WF4**

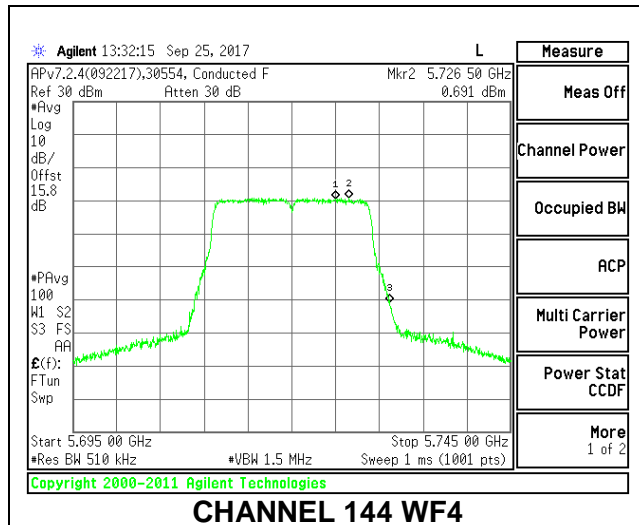


**CHANNEL 144 WF3**

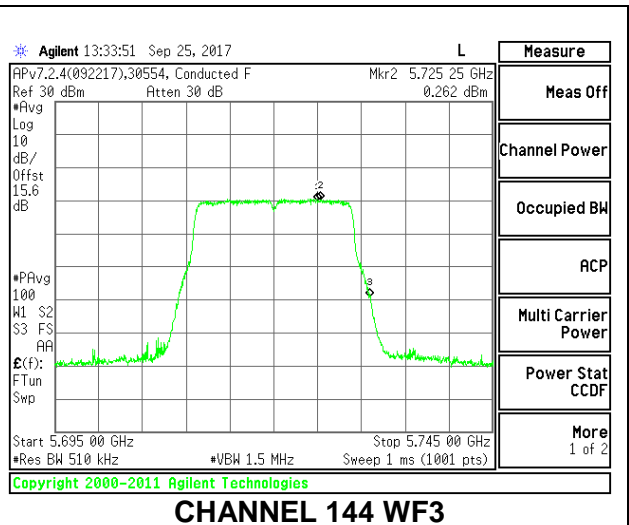


**CHANNEL 144 WF2**

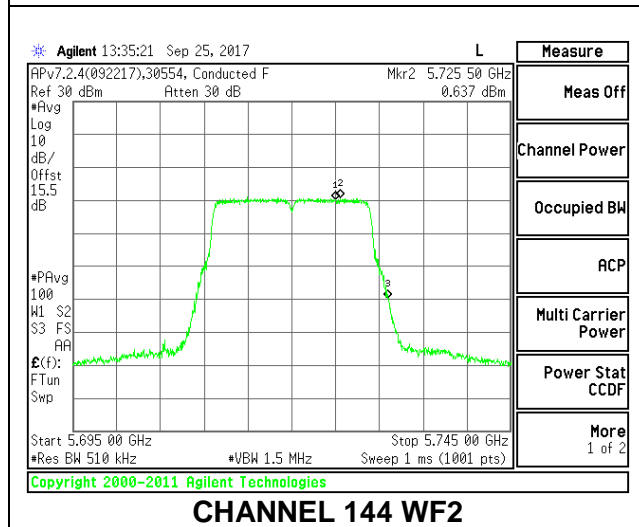
### CHANNEL 144 PSD



**CHANNEL 144 WF4**



**CHANNEL 144 WF3**



**CHANNEL 144 WF2**

**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	6.65	6.65	29.35	29.35
Mid	5785	6.65	6.65	29.35	29.35
High	5825	6.65	6.65	29.35	29.35
144	5720	6.65	6.65	29.35	29.35

<b>Duty Cycle CF (dB)</b>	0.12	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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**Output Power Results**

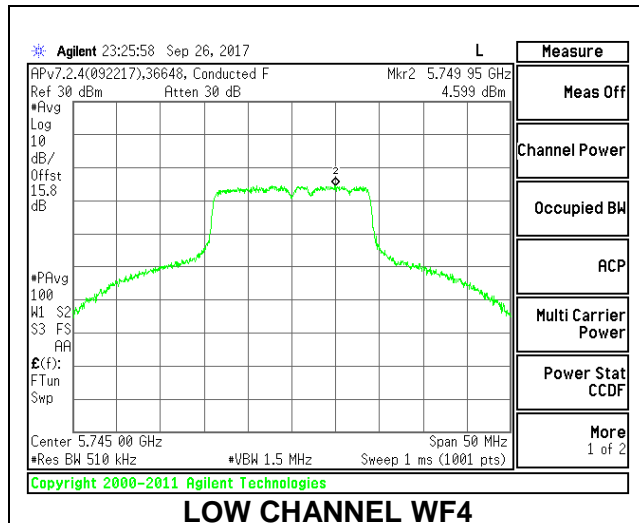
Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.44	18.36	18.41	23.17	29.35	-6.18
Mid	5785	21.91	21.88	21.94	26.68	29.35	-2.67
High	5825	18.41	18.38	18.43	23.18	29.35	-6.17
144	5720	5.08	5.71	7.23	10.99	29.35	-18.36

**PSD Results**

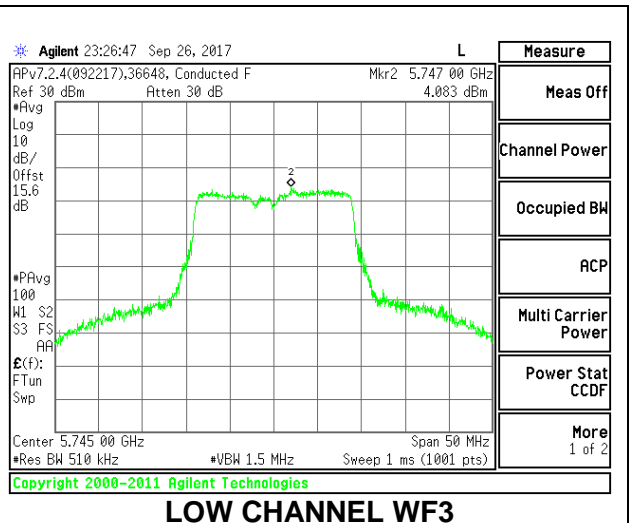
Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.559	4.083	7.662	10.633	29.35	-18.72
Mid	5785	7.923	9.097	9.960	13.963	29.35	-15.39
High	5825	0.829	0.301	6.249	8.248	29.35	-21.10
144	5720	1.668	-1.395	0.270	5.249	29.35	-24.10



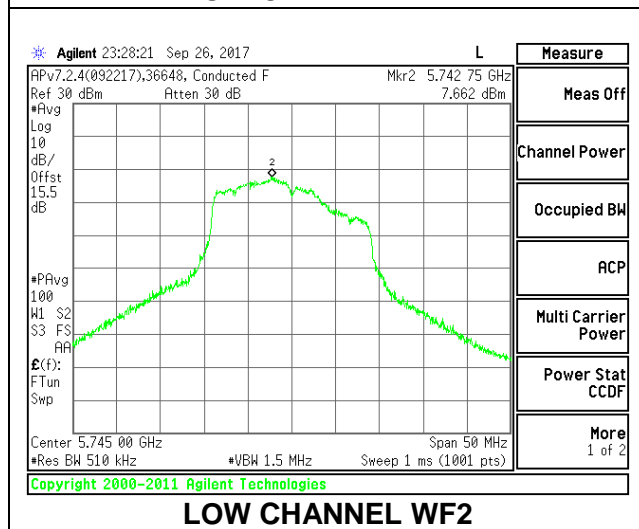
### LOW CHANNEL



**LOW CHANNEL WF4**

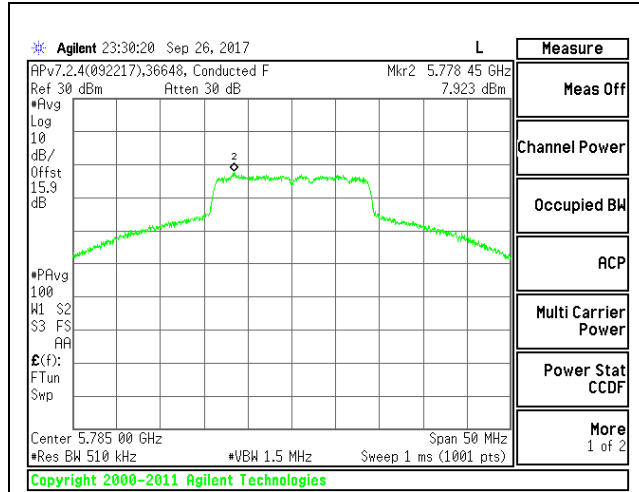


**LOW CHANNEL WF3**

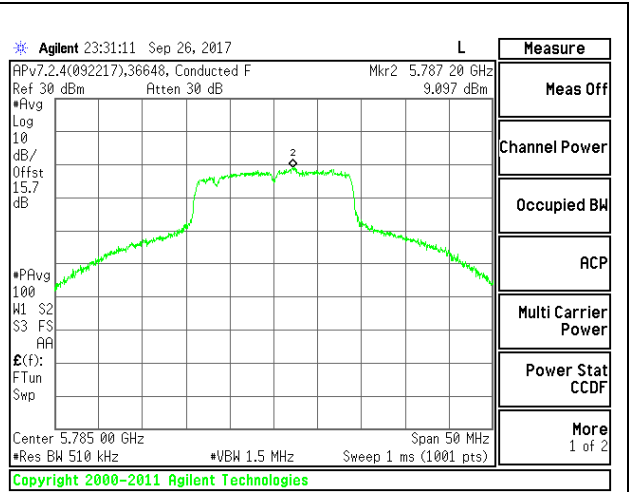


**LOW CHANNEL WF2**

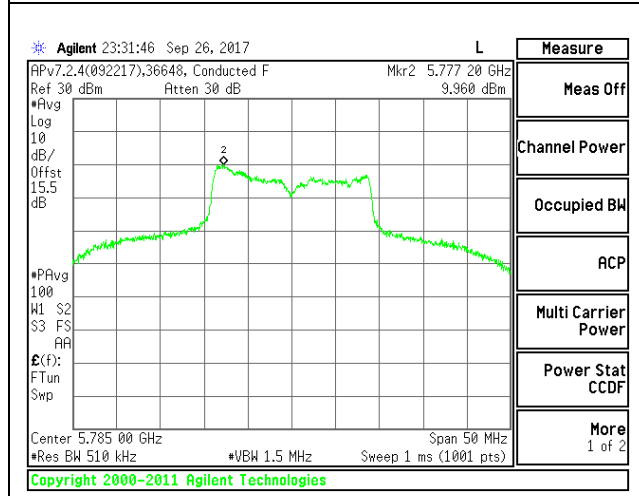
**MID CHANNEL**



**MID CHANNEL WF4**

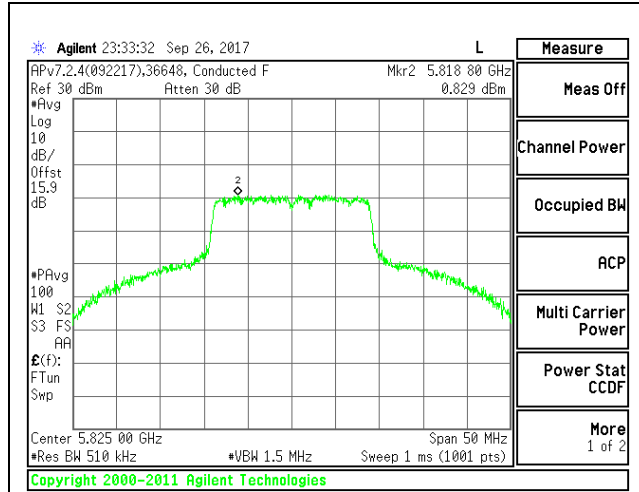


**MID CHANNEL WF3**

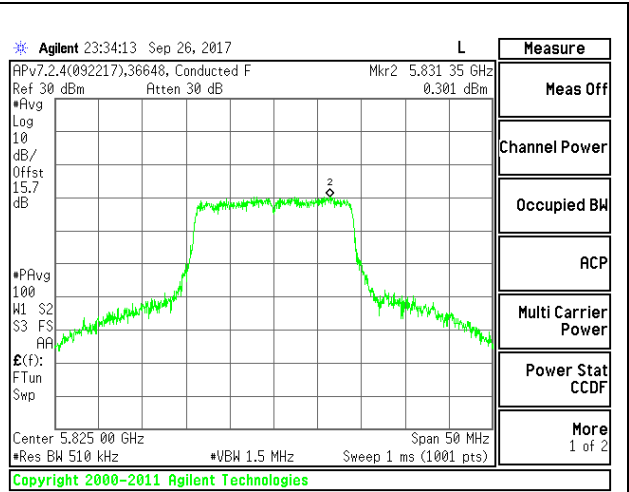


**MID CHANNEL WF2**

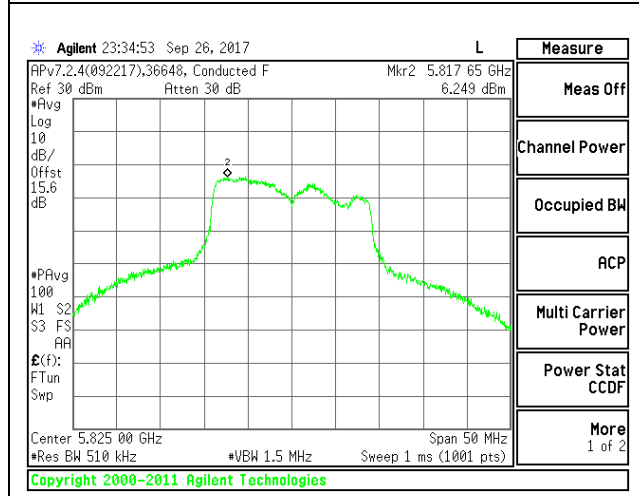
**HIGH CHANNEL**



**HIGH CHANNEL WF4**

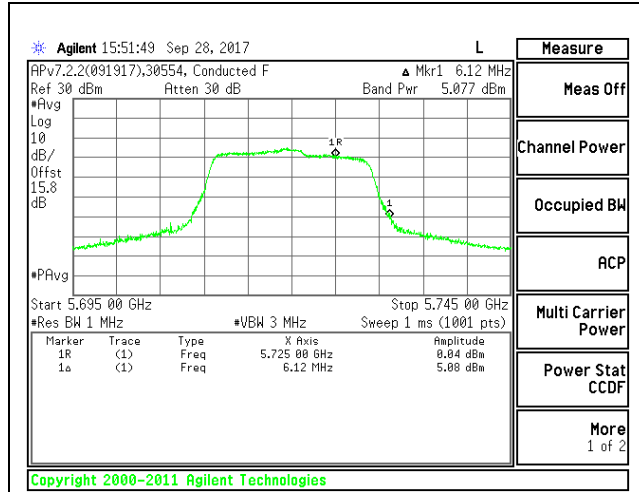


**HIGH CHANNEL WF3**

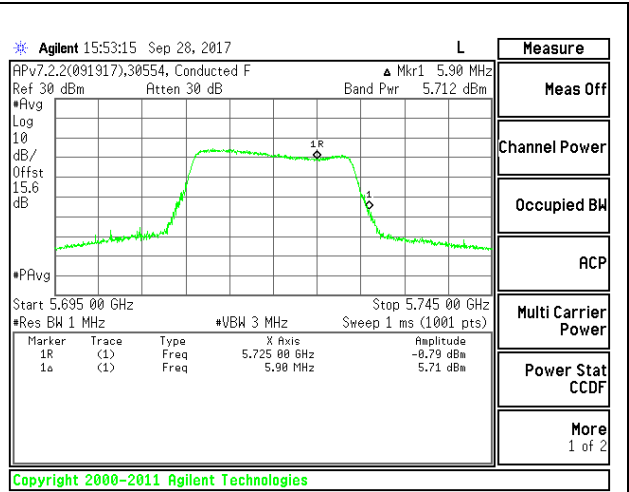


**HIGH CHANNEL WF2**

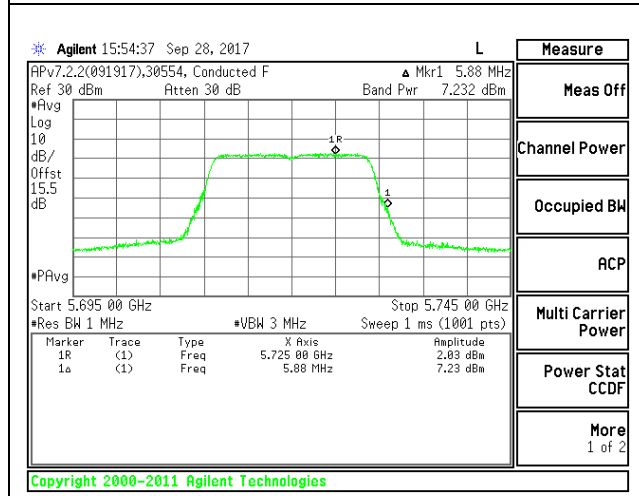
### CHANNEL 144 OUTPUT POWER



**CHANNEL 144 WF4**

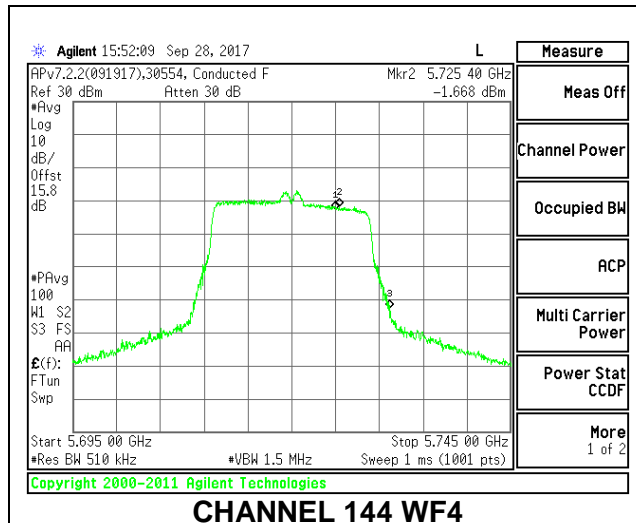


**CHANNEL 144 WF3**

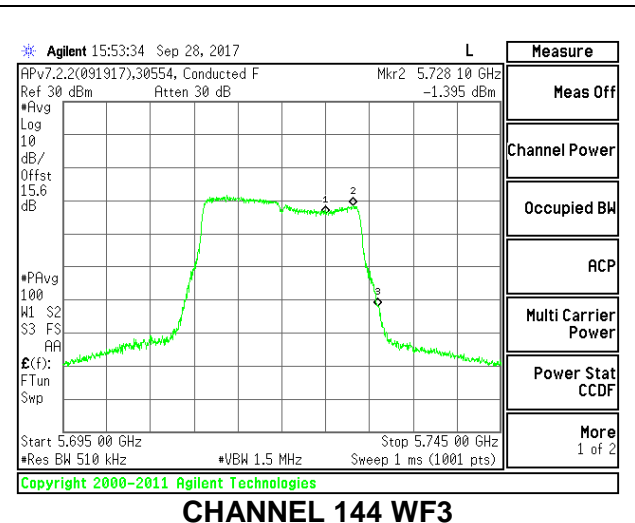


**CHANNEL 144 WF2**

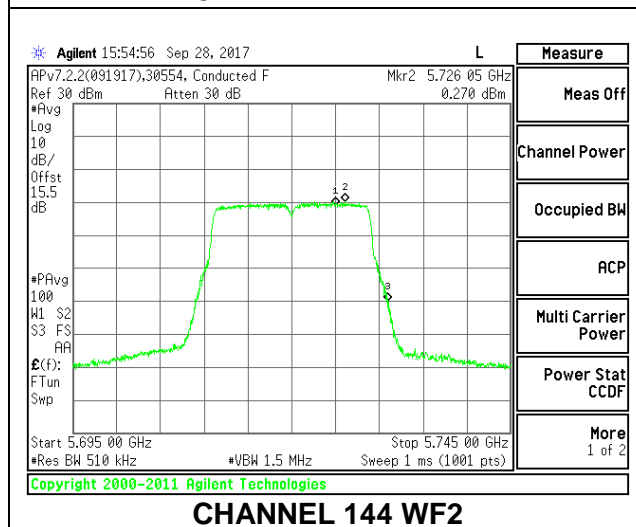
### CHANNEL 144 PSD



**CHANNEL 144 WF4**



**CHANNEL 144 WF3**



**CHANNEL 144 WF2**

**4.5.11. 802.11n HT40 MODE IN THE 5.8 GHz BAND**

**1TX Antenna WF4**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	1.00	30.00	30.00
High	5795	1.00	30.00	30.00
142	5710	1.00	30.00	30.00

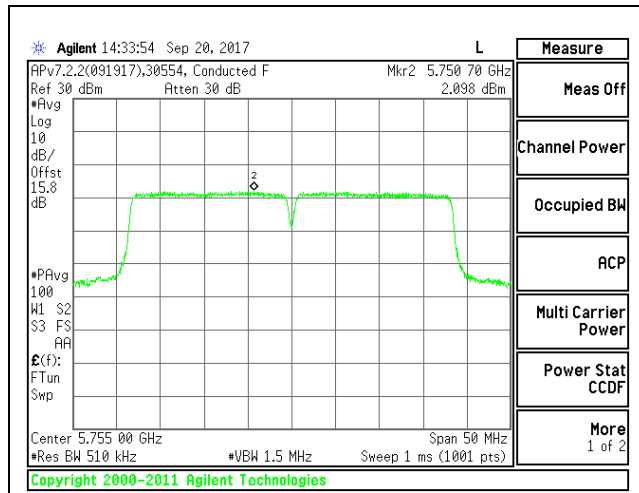
<b>Duty Cycle CF (dB)</b>	0.09	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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**Output Power Results**

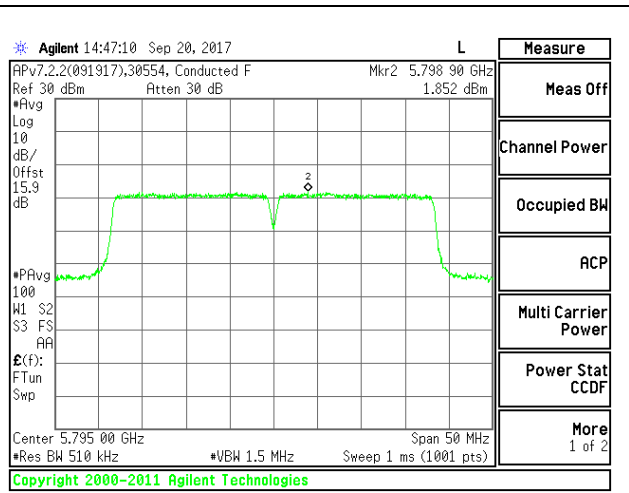
Channel	Frequency (MHz)	WF4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	18.89	18.89	30.00	-11.11
High	5795	18.85	18.85	30.00	-11.15
142	5710	10.99	11.08	30.00	-18.92

**PSD Results**

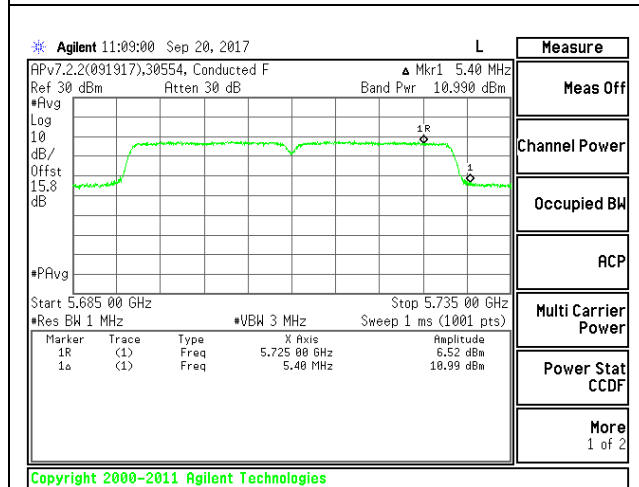
Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	2.098	2.188	30.00	-27.81
High	5795	1.852	1.942	30.00	-28.06
142	5710	4.186	4.276	30.00	-25.72



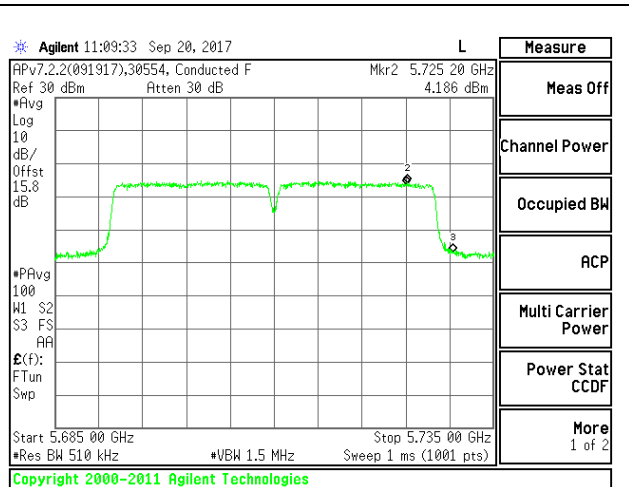
LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 OUTPUT POWER



CHANNEL 142 PSD

**1TX Antenna WF3**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	1.40	30.00	30.00
High	5795	1.40	30.00	30.00
142	5710	1.40	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.09	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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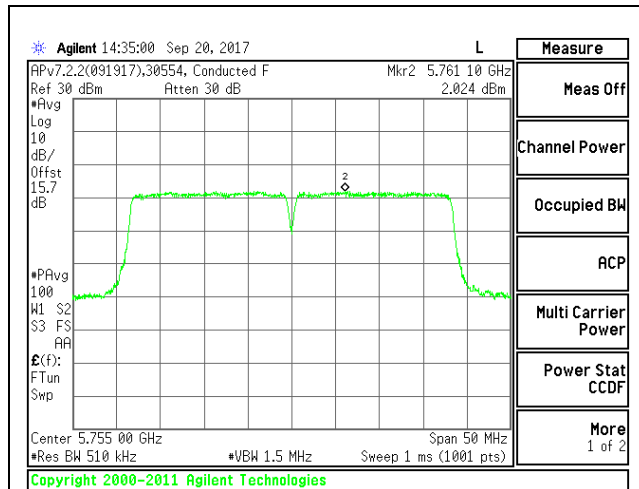
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	18.91	18.91	30.00	-11.09
High	5795	18.84	18.84	30.00	-11.16
142	5710	11.69	11.78	30.00	-18.22

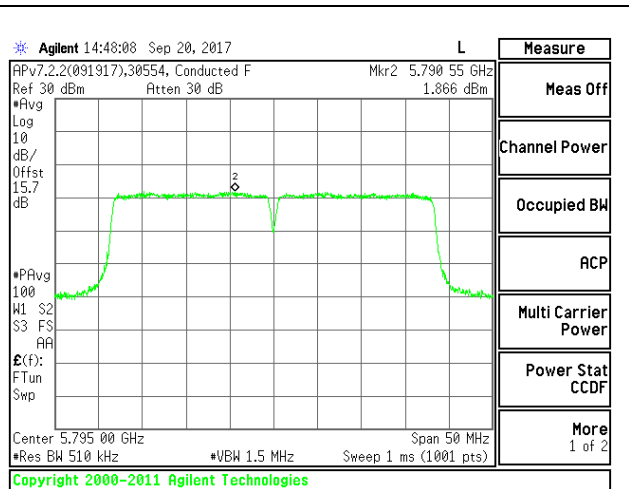
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	2.024	2.114	30.00	-27.89
High	5795	1.886	1.976	30.00	-28.02
142	5710	5.476	5.566	30.00	-24.43

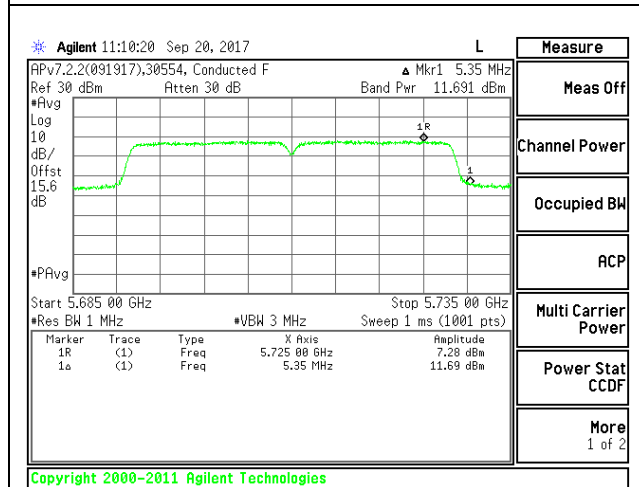




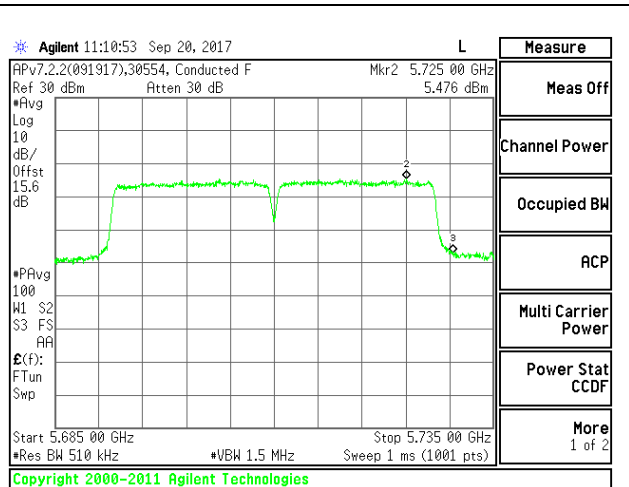
LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 OUTPUT POWER



CHANNEL 142 PSD

**1TX Antenna WF2**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	3.10	30.00	30.00
High	5795	3.10	30.00	30.00
142	5710	3.10	30.00	30.00

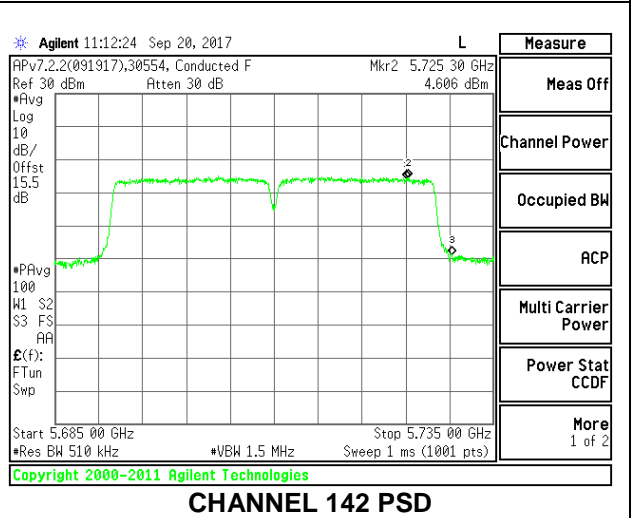
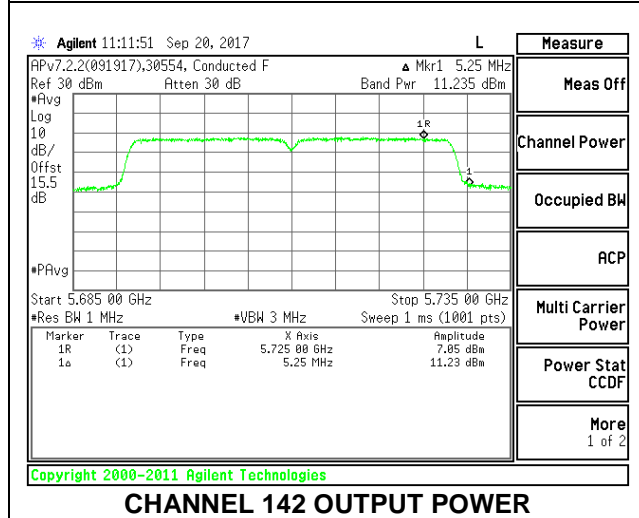
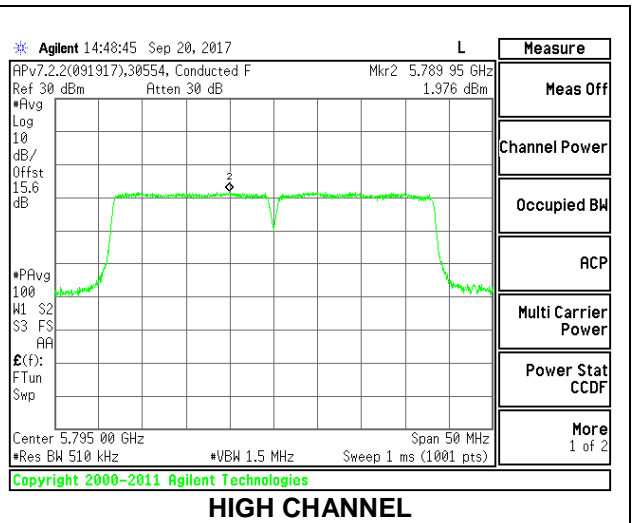
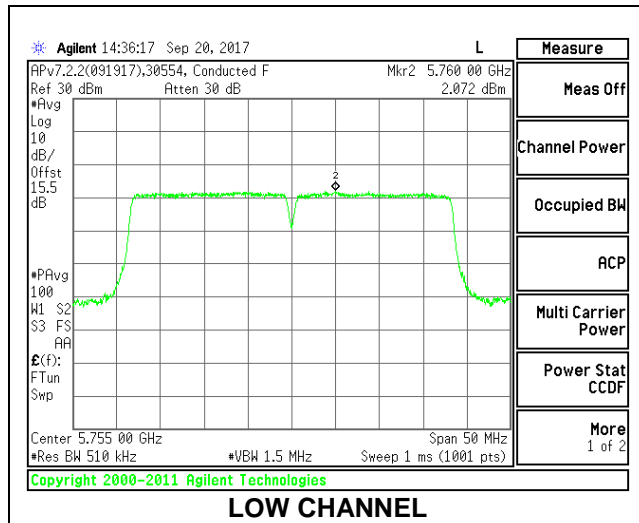
<b>Duty Cycle CF (dB)</b>	0.09	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	18.87	18.87	30.00	-11.13
High	5795	18.85	18.85	30.00	-11.15
142	5710	11.24	11.33	30.00	-18.68

**PSD Results**

Channel	Frequency (MHz)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	2.072	2.162	30.00	-27.84
High	5795	1.976	2.066	30.00	-27.93
142	5710	4.606	4.696	30.00	-25.30



**2TX Antenna WF4 + Antenna WF3 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	1.20	4.21	30.00	30.00
High	5795	1.20	4.21	30.00	30.00
142	5710	1.20	4.21	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.18	<b>Included in Calculations of Corr'd Power</b>
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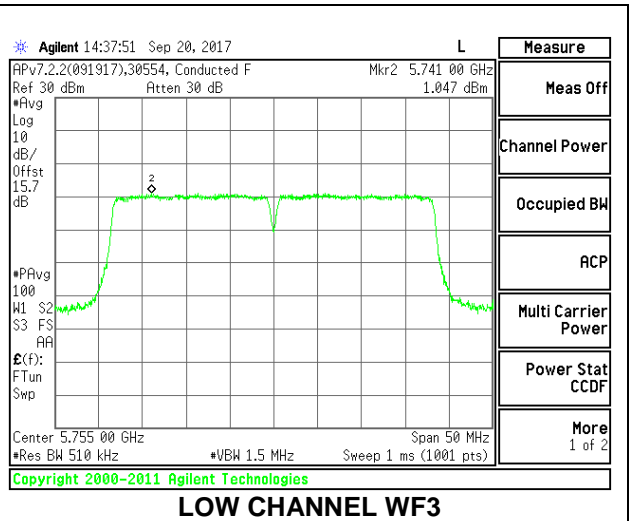
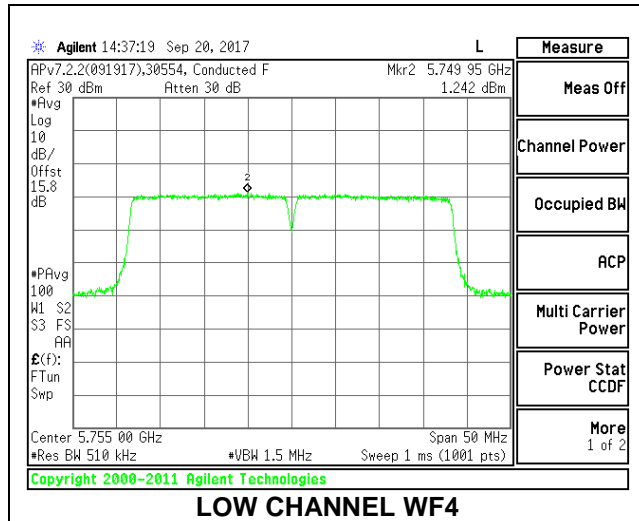
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.92	17.88	20.91	30.00	-9.09
High	5795	17.82	17.86	20.85	30.00	-9.15
142	5710	8.15	8.59	11.57	30.00	-18.43

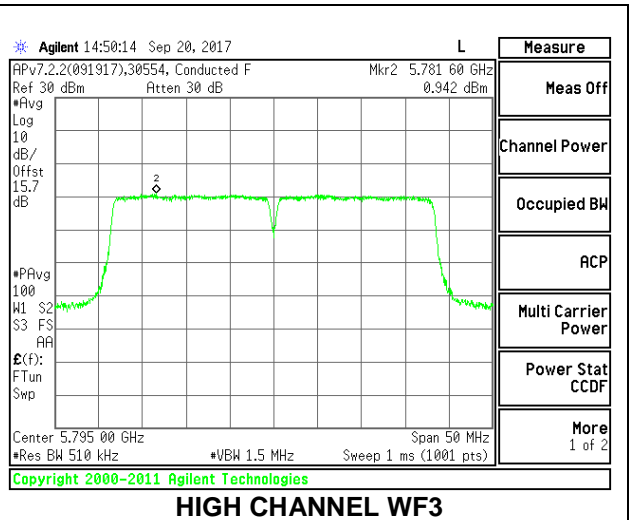
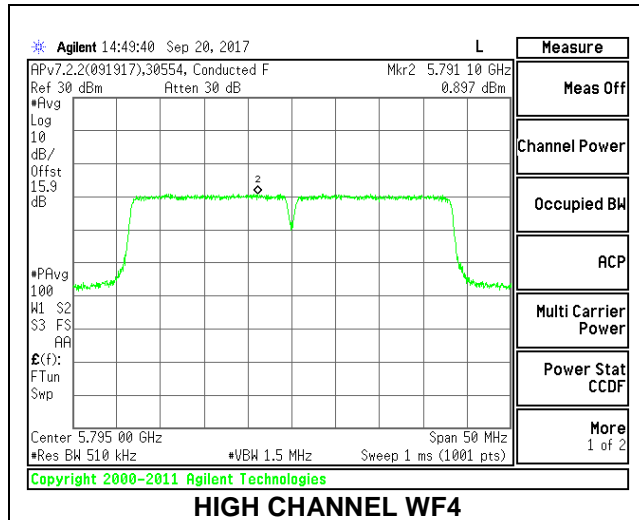
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	1.242	1.047	4.336	30.00	-25.66
High	5795	0.897	0.942	4.110	30.00	-25.89
142	5710	1.384	1.638	4.703	30.00	-25.30

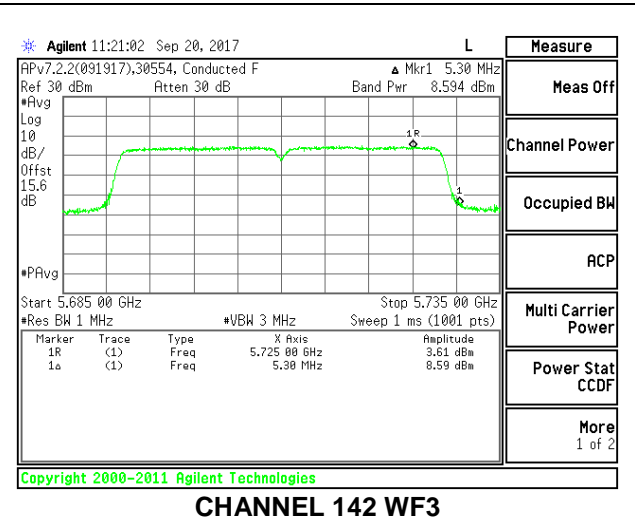
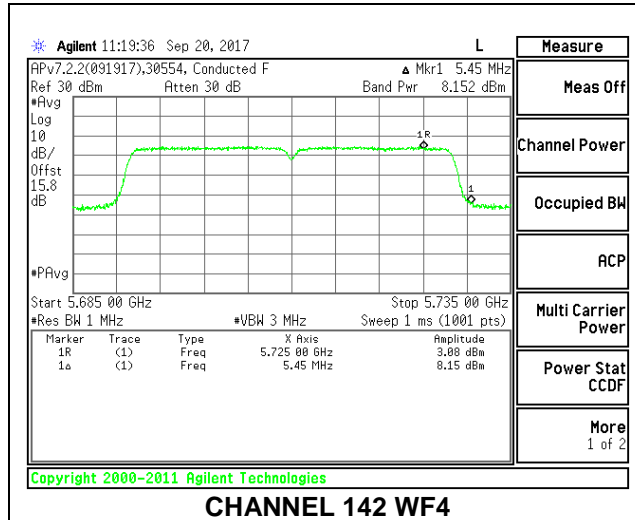
**LOW CHANNEL**



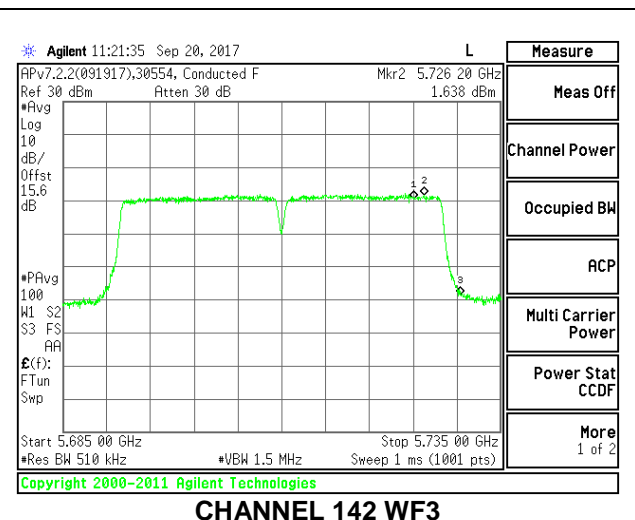
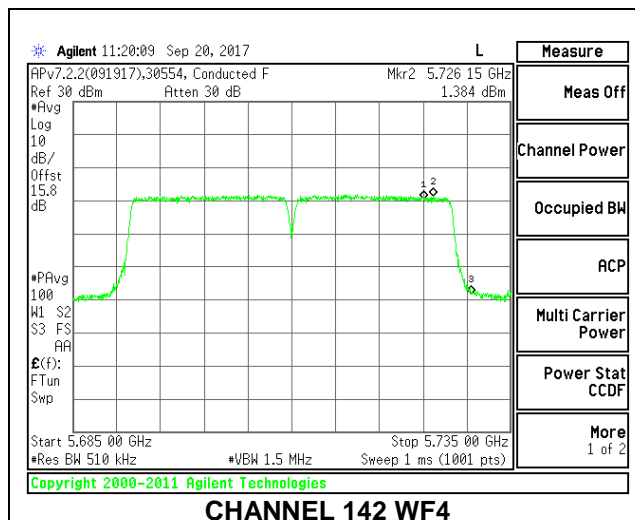
**HIGH CHANNEL**



### CHANNEL 142 OUTPUT POWER



### CHANNEL 142 PSD



**2TX Antenna WF4 + Antenna WF3 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	1.20	1.20	30.00	30.00
High	5795	1.20	1.20	30.00	30.00
142	5710	1.20	1.20	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd Power</b>
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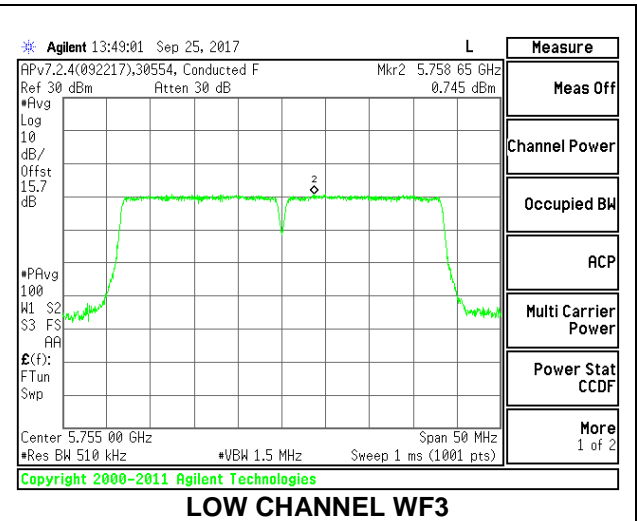
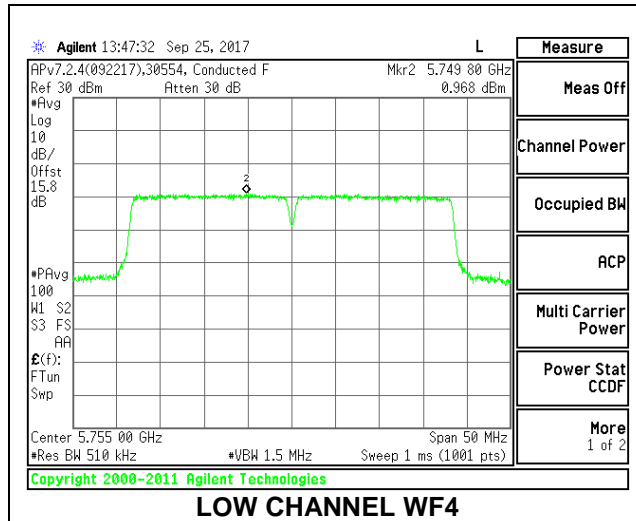
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.86	17.79	20.84	30.00	-9.16
High	5795	17.82	17.81	20.83	30.00	-9.17
142	5710	8.92	9.03	12.28	30.00	-17.72

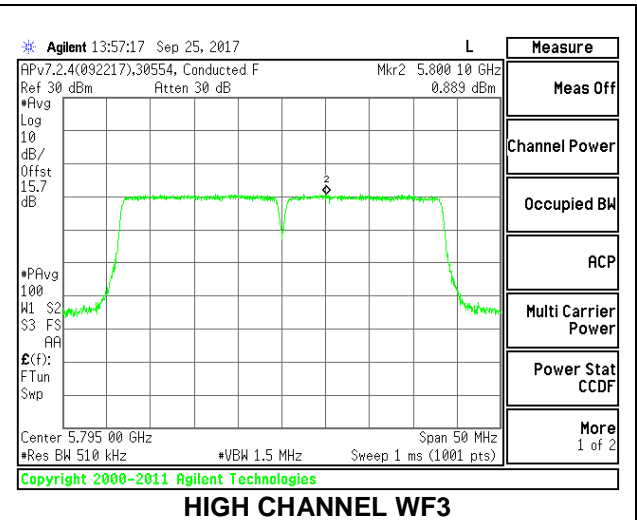
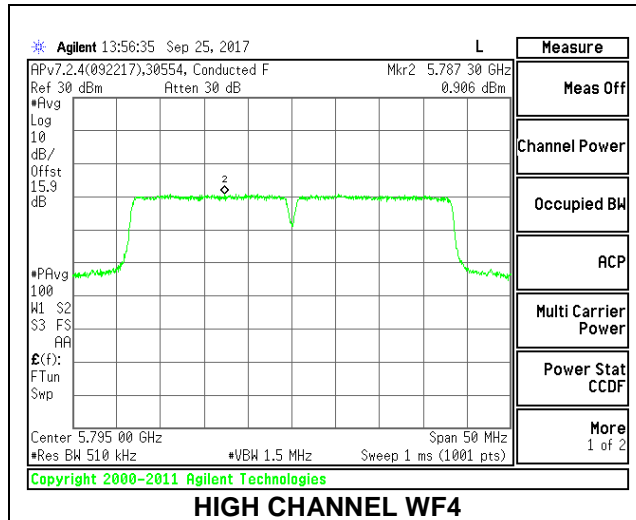
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	0.968	0.745	4.158	30.00	-25.84
High	5795	0.906	0.889	4.198	30.00	-25.80
142	5710	1.830	2.053	5.243	30.00	-24.76

**LOW CHANNEL**

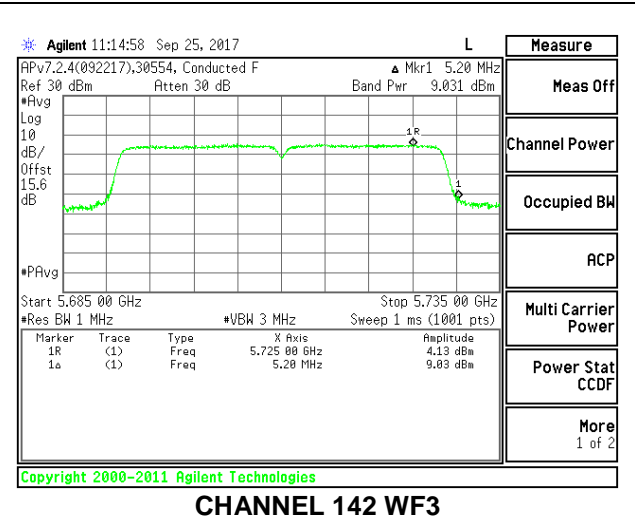
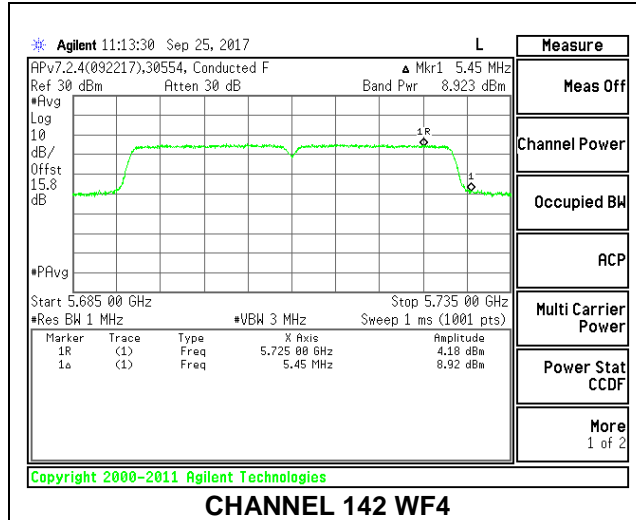


**HIGH CHANNEL**

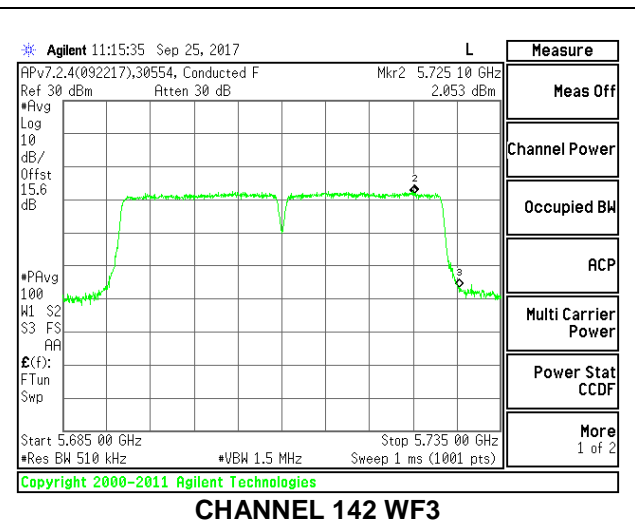
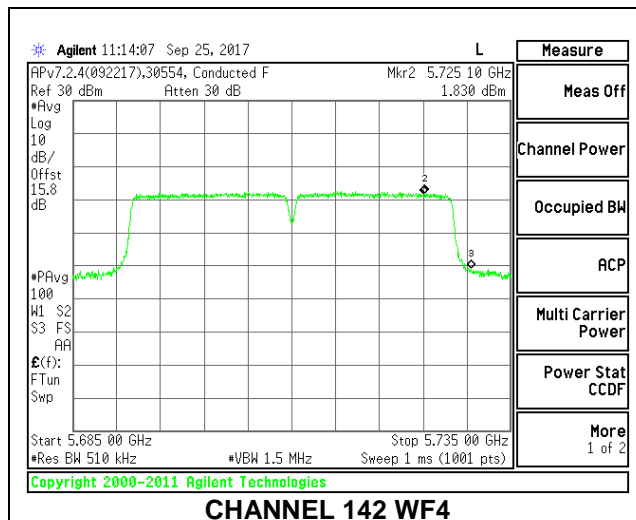




### CHANNEL 142 OUTPUT POWER



### CHANNEL 142 PSD



**2TX Antenna WF4 + Antenna WF3 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	4.21	4.21	30.00	30.00
High	5795	4.21	4.21	30.00	30.00
142	5710	4.21	4.21	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.11	<b>Included in Calculations of Corr'd Power</b>
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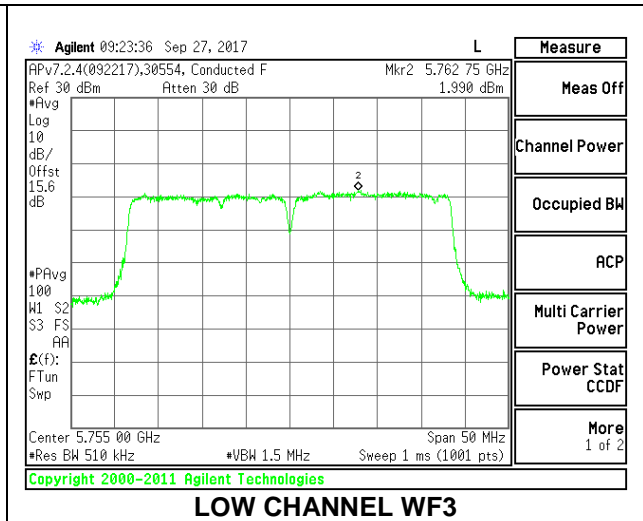
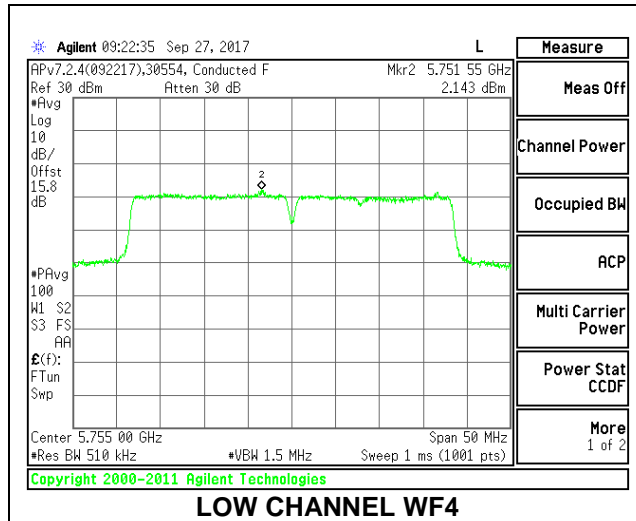
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.93	17.89	20.92	30.00	-9.08
High	5795	17.78	17.81	20.81	30.00	-9.19
142	5710	8.32	8.25	11.41	30.00	-18.59

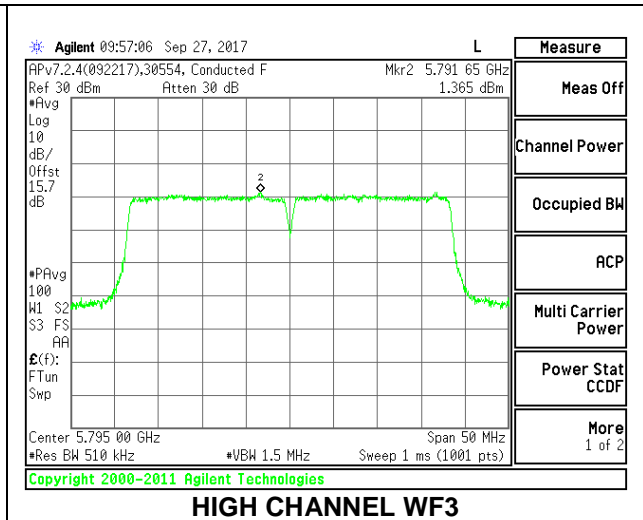
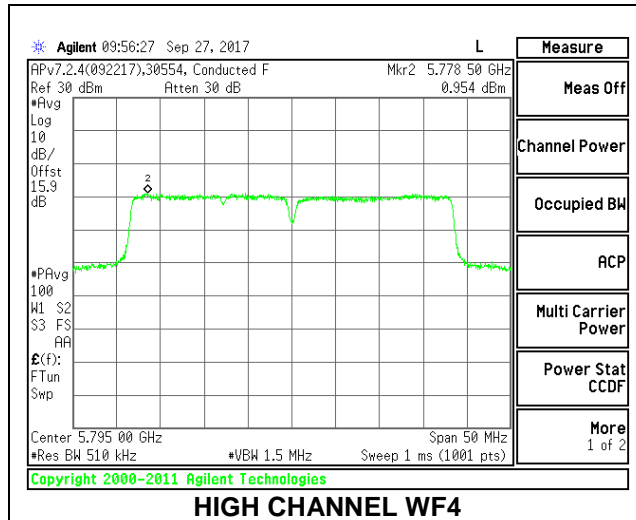
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	2.143	1.990	5.187	30.00	-24.81
High	5795	0.954	1.365	4.285	30.00	-25.72
142	5710	1.194	1.660	4.554	30.00	-25.45

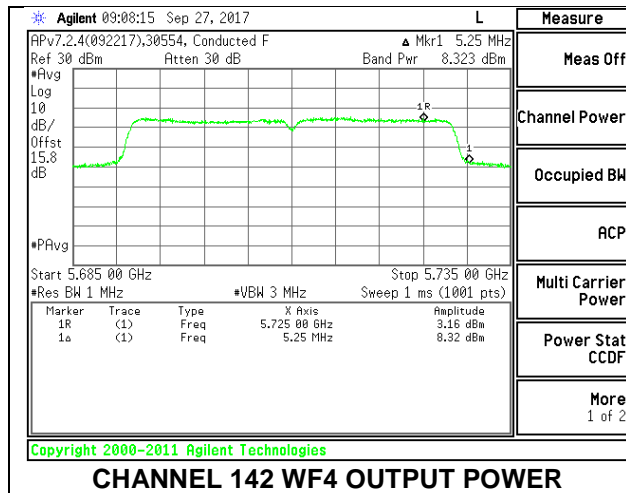
**LOW CHANNEL**



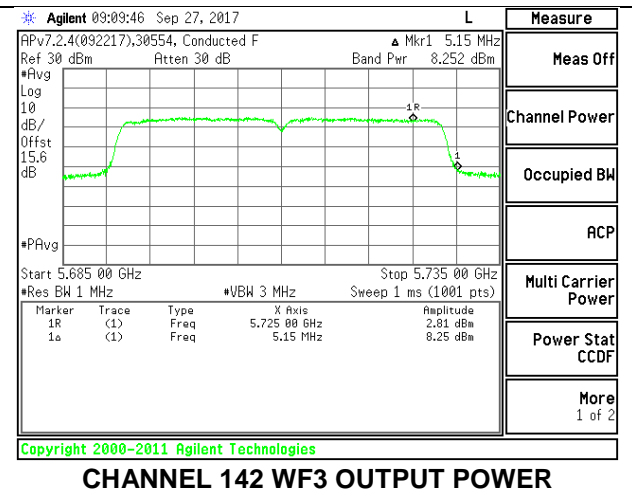
**HIGH CHANNEL**



### CHANNEL 142 OUTPUT POWER

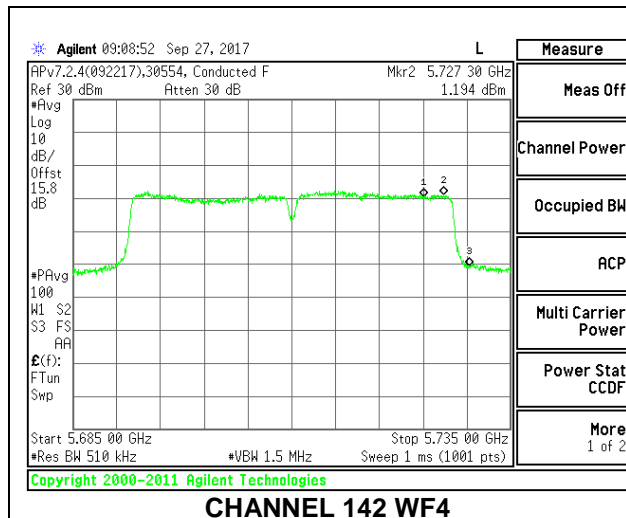


CHANNEL 142 WF4 OUTPUT POWER

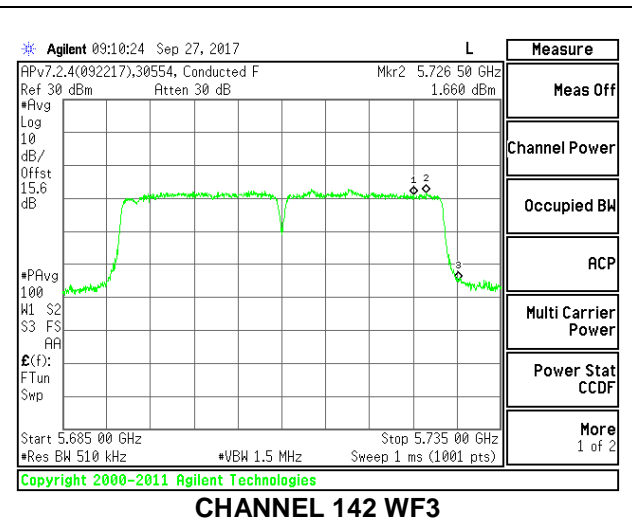


CHANNEL 142 WF3 OUTPUT POWER

### CHANNEL 142 PSD



CHANNEL 142 WF4



CHANNEL 142 WF3

**2TX Antenna WF4 + Antenna WF2 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	2.18	5.12	30.00	30.00
High	5795	2.18	5.12	30.00	30.00
142	5710	2.18	5.12	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.18	<b>Included in Calculations of Corr'd Power</b>
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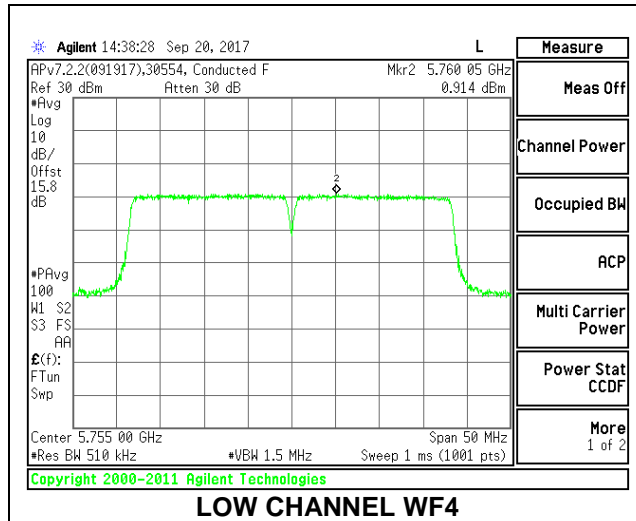
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.78	17.81	20.81	30.00	-9.19
High	5795	17.84	17.86	20.86	30.00	-9.14
142	5710	8.07	8.14	11.30	30.00	-18.70

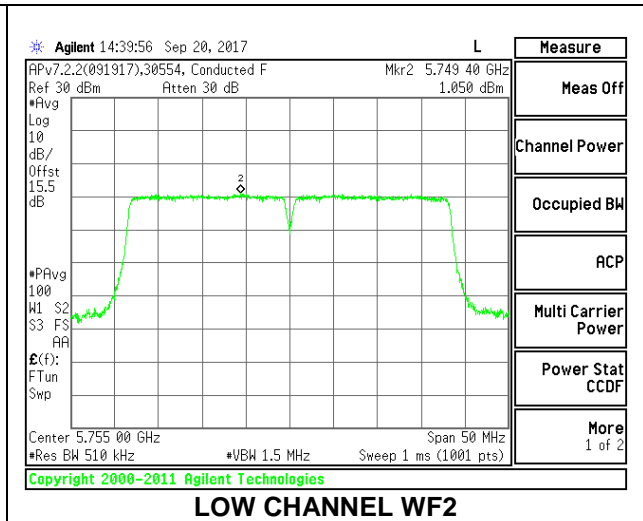
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	0.914	1.050	4.173	30.00	-25.83
High	5795	1.085	1.174	4.320	30.00	-25.68
142	5710	1.073	1.104	4.279	30.00	-25.72

**LOW CHANNEL**

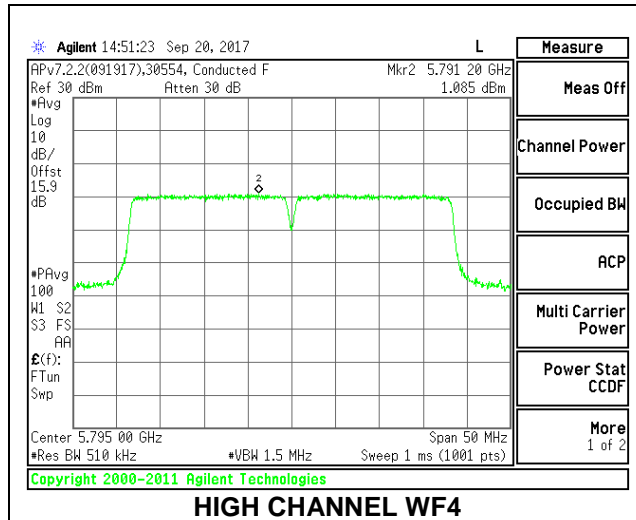


**LOW CHANNEL WF4**

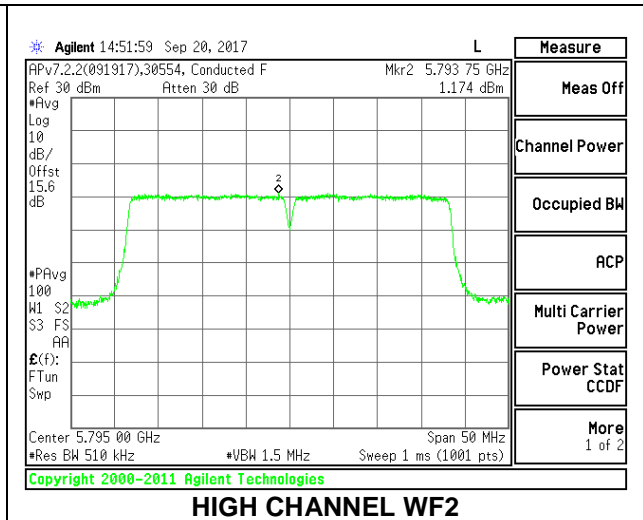


**LOW CHANNEL WF2**

**HIGH CHANNEL**

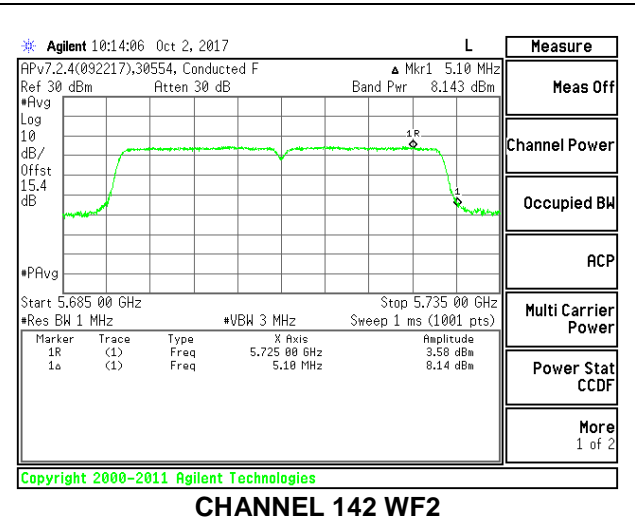
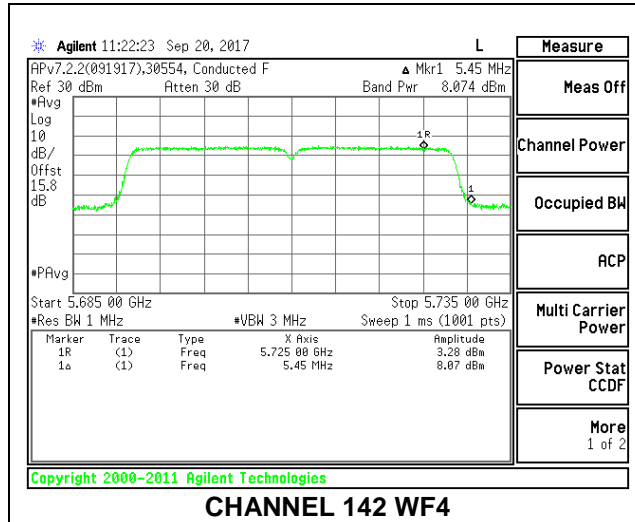


**HIGH CHANNEL WF4**

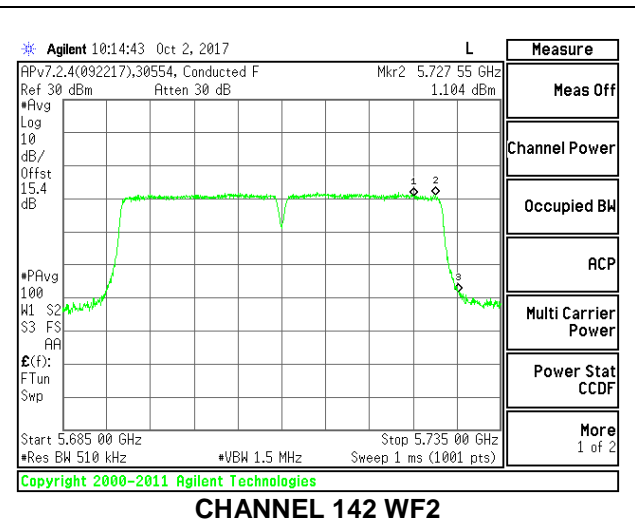
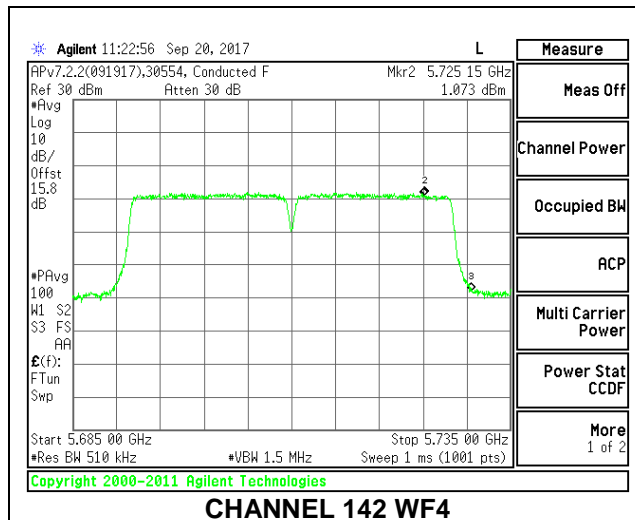


**HIGH CHANNEL WF2**

### CHANNEL 142 OUTPUT POWER



### CHANNEL 142 PSD



**2TX Antenna WF4 + Antenna WF2 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	2.18	2.18	30.00	30.00
High	5795	2.18	2.18	30.00	30.00
142	5710	2.18	2.18	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd Power</b>
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**Output Power Results**

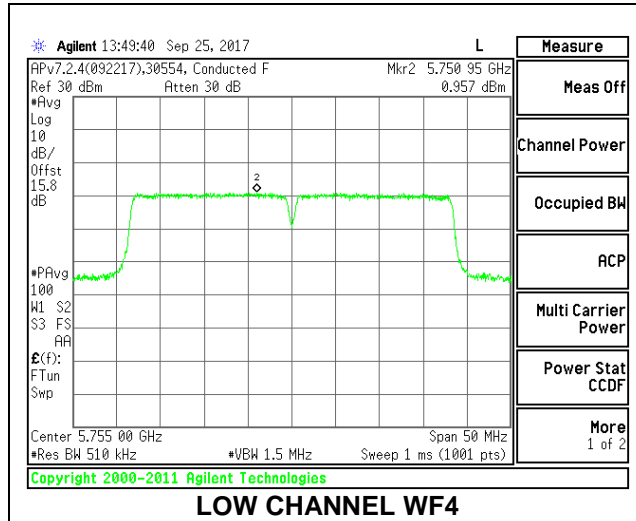
Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.90	17.88	20.90	30.00	-9.10
High	5795	17.78	17.75	20.78	30.00	-9.22
142	5710	8.83	8.99	12.21	30.00	-17.79

**PSD Results**

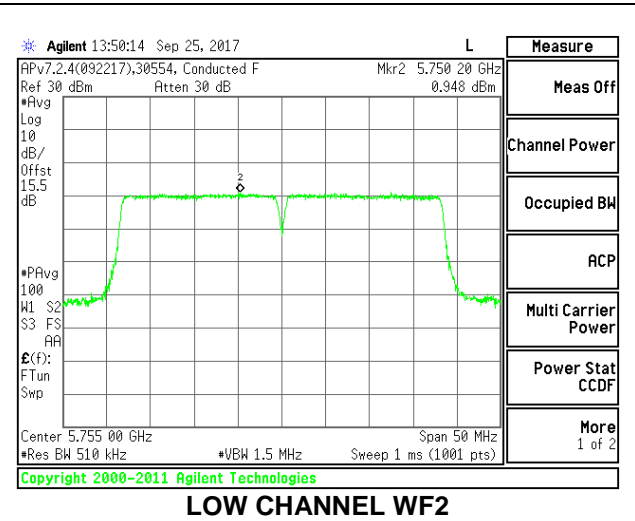
Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	0.957	0.948	4.253	30.00	-25.75
High	5795	0.898	0.684	4.093	30.00	-25.91
142	5710	1.774	2.098	5.239	30.00	-24.76



### LOW CHANNEL

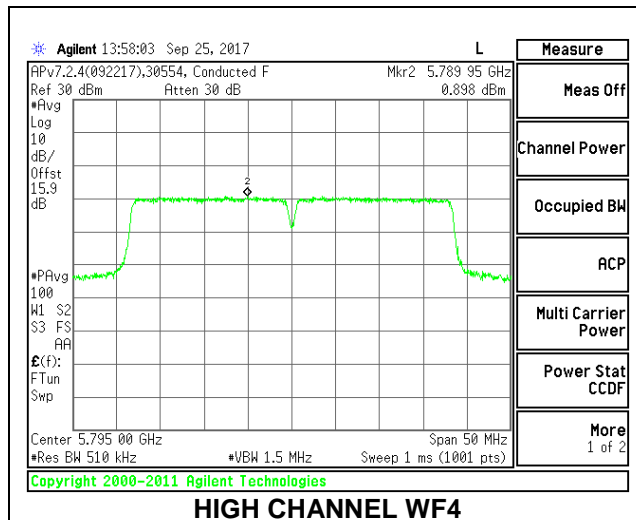


LOW CHANNEL WF4

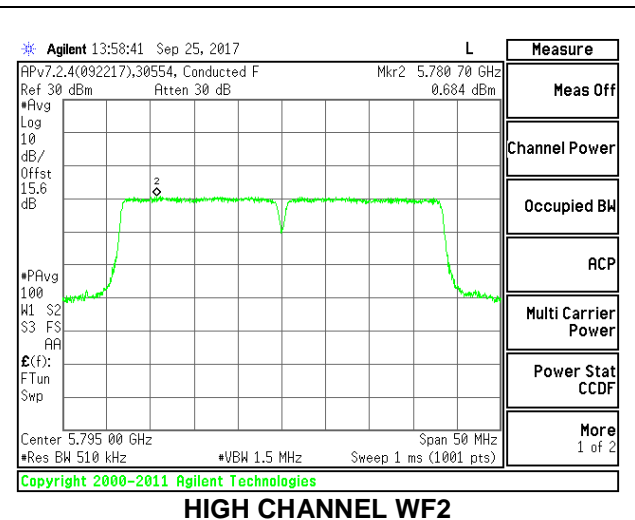


LOW CHANNEL WF2

### HIGH CHANNEL

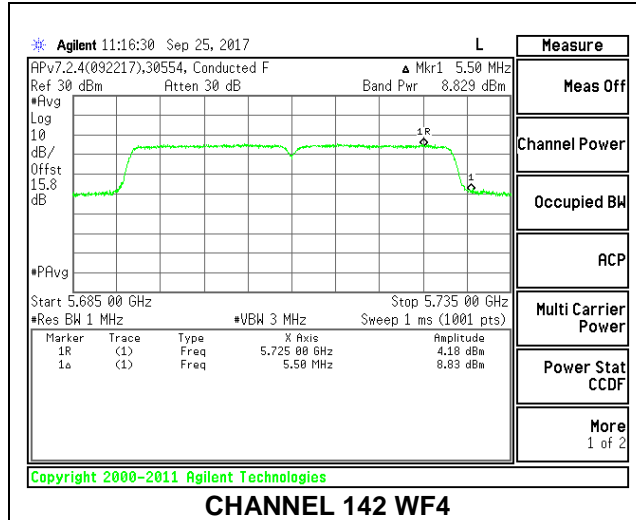


HIGH CHANNEL WF4

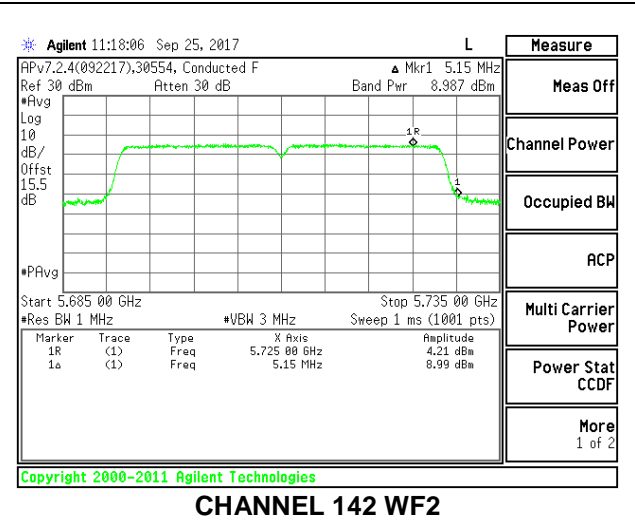


HIGH CHANNEL WF2

### CHANNEL 142 OUTPUT POWER

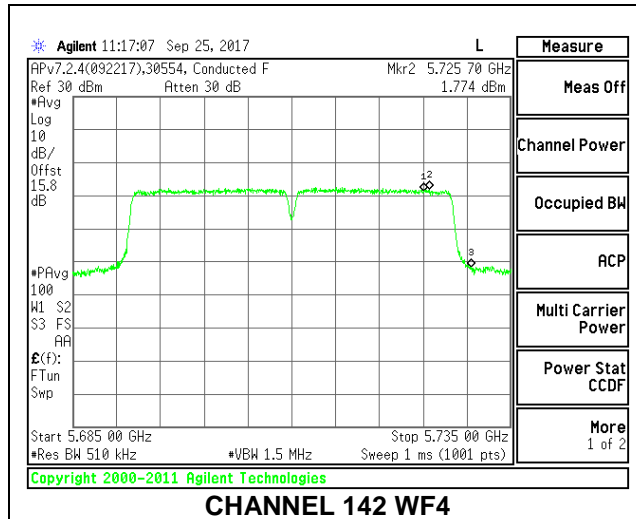


**CHANNEL 142 WF4**

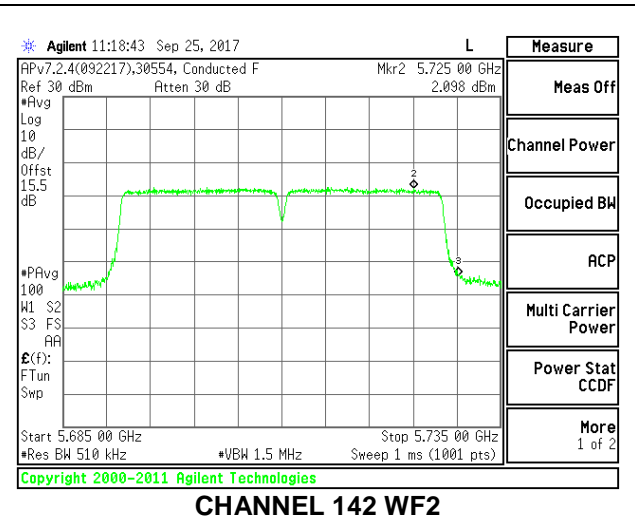


**CHANNEL 142 WF2**

### CHANNEL 142 PSD



**CHANNEL 142 WF4**



**CHANNEL 142 WF2**

**2TX Antenna WF4 + Antenna WF2 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	5.12	5.12	30.00	30.00
High	5795	5.12	5.12	30.00	30.00
142	5710	5.12	5.12	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.11	<b>Included in Calculations of Corr'd Power</b>
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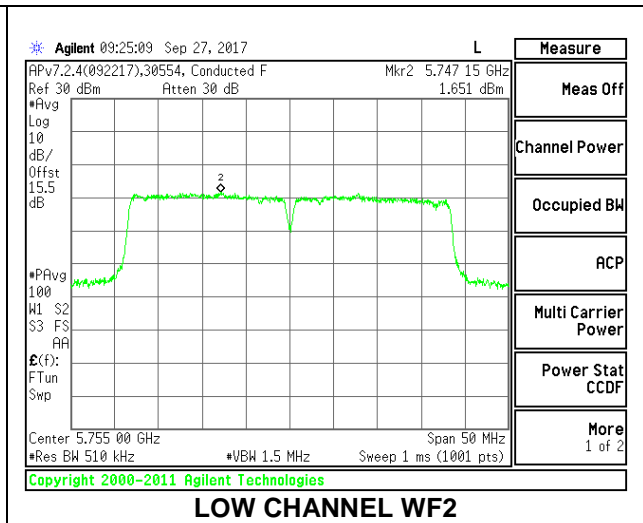
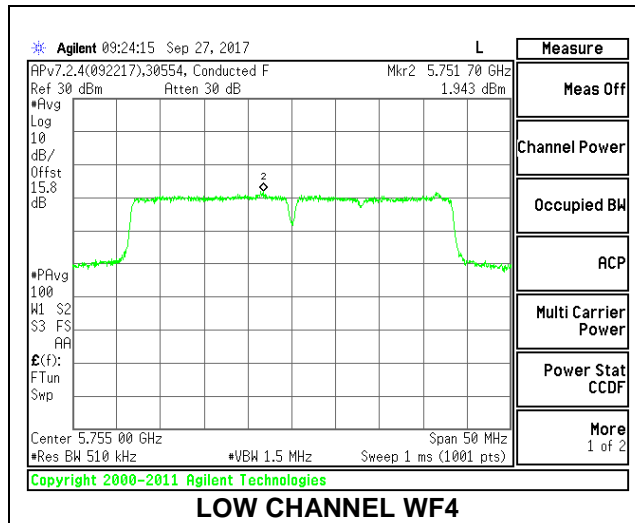
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.94	17.86	20.91	30.00	-9.09
High	5795	17.90	17.76	20.84	30.00	-9.16
142	5710	8.32	7.81	11.19	30.00	-18.81

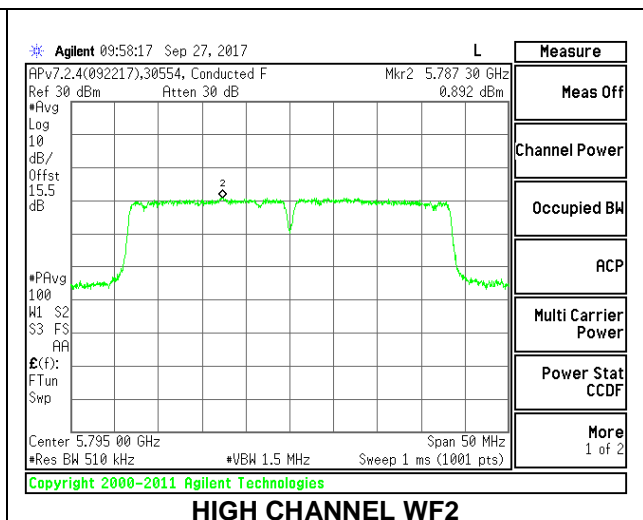
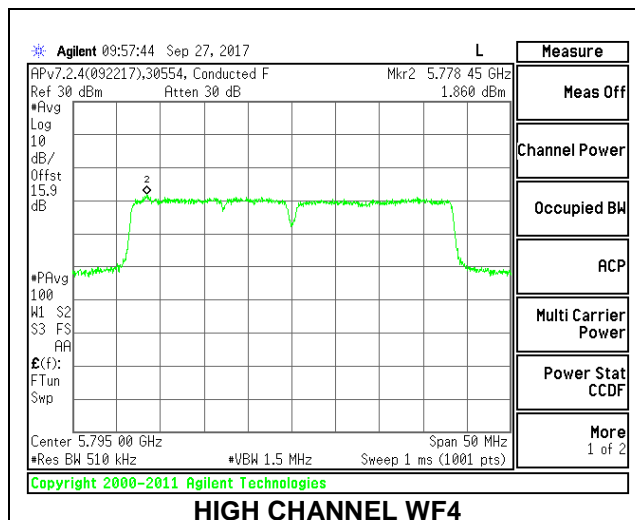
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	1.943	1.651	4.920	30.00	-25.08
High	5795	1.860	0.892	4.523	30.00	-25.48
142	5710	1.444	1.189	4.439	30.00	-25.56

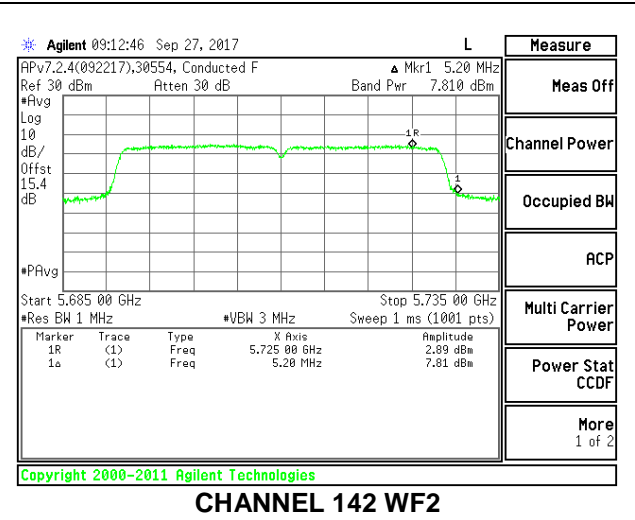
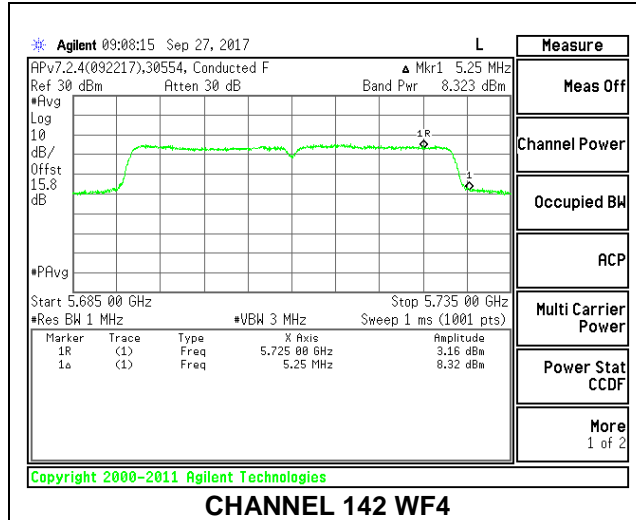
### LOW CHANNEL



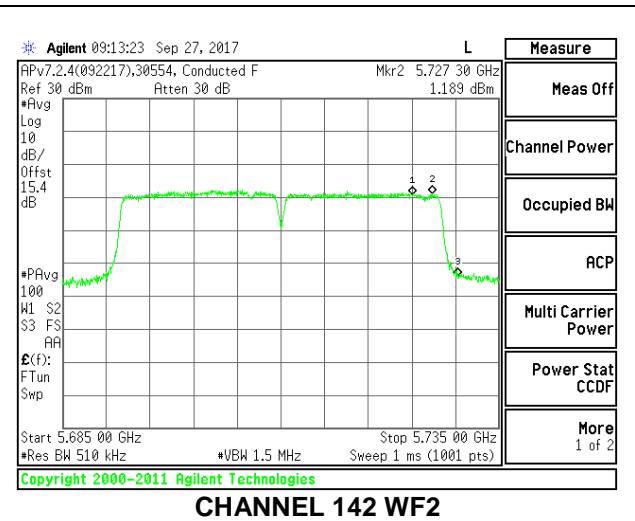
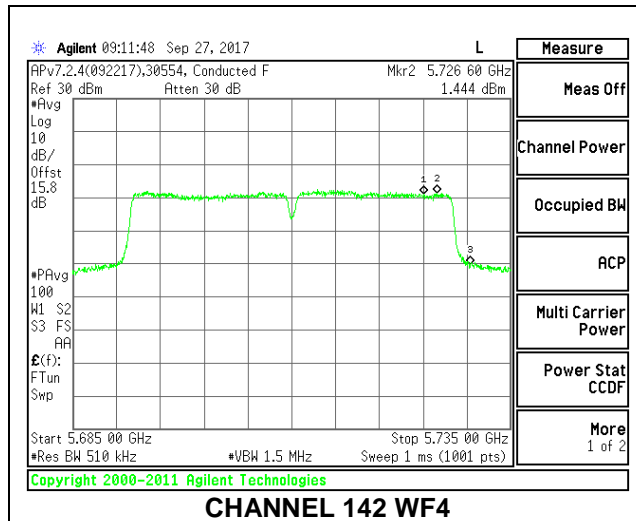
### HIGH CHANNEL



### CHANNEL 142 OUTPUT POWER



### CHANNEL 142



**2TX Antenna WF3 + Antenna WF2 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	2.33	5.30	30.00	30.00
High	5795	2.33	5.30	30.00	30.00
142	5710	2.33	5.30	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.18	<b>Included in Calculations of Corr'd Power</b>
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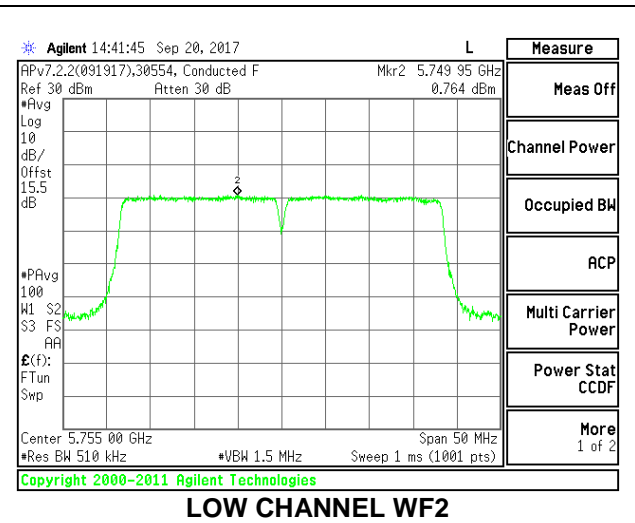
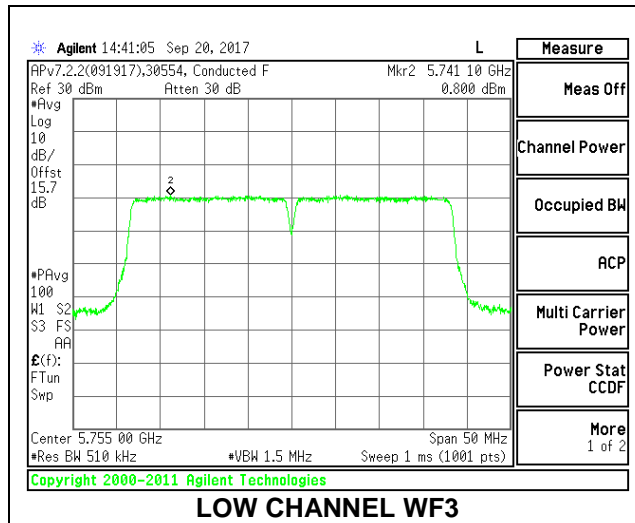
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.86	17.83	20.86	30.00	-9.14
High	5795	17.90	17.89	20.91	30.00	-9.09
142	5710	8.60	8.09	11.54	30.00	-18.46

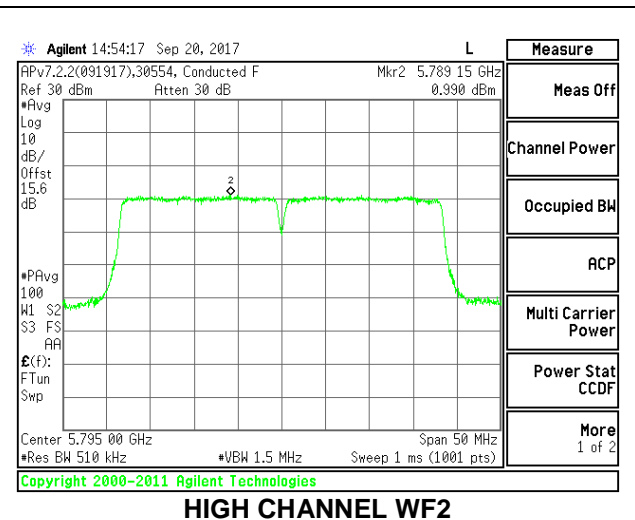
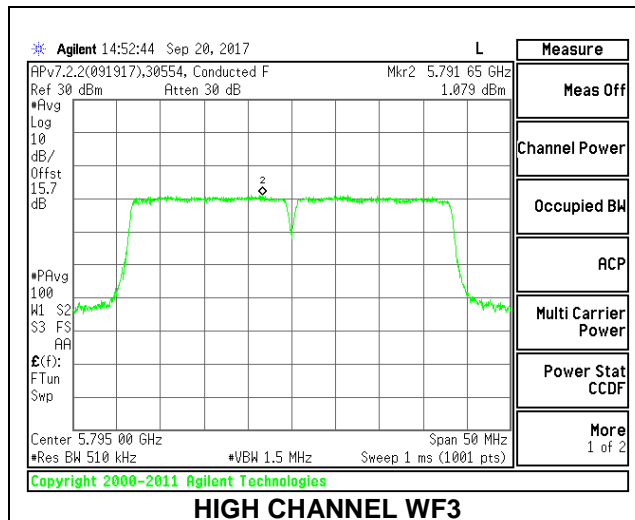
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	0.800	0.764	3.972	30.00	-26.03
High	5795	1.079	0.990	4.225	30.00	-25.77
142	5710	1.881	1.054	4.677	30.00	-25.32

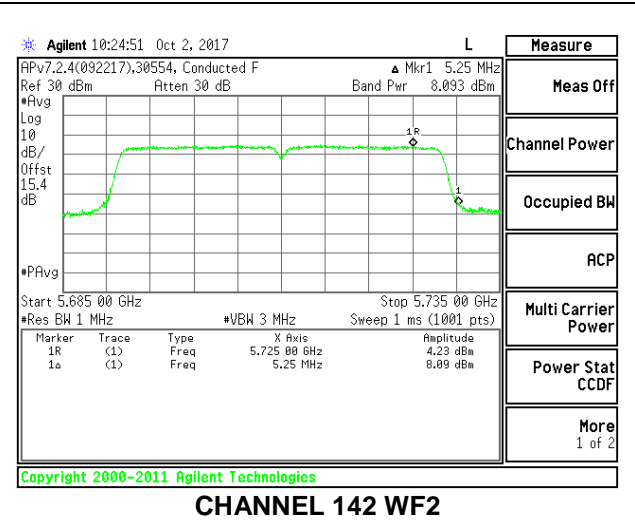
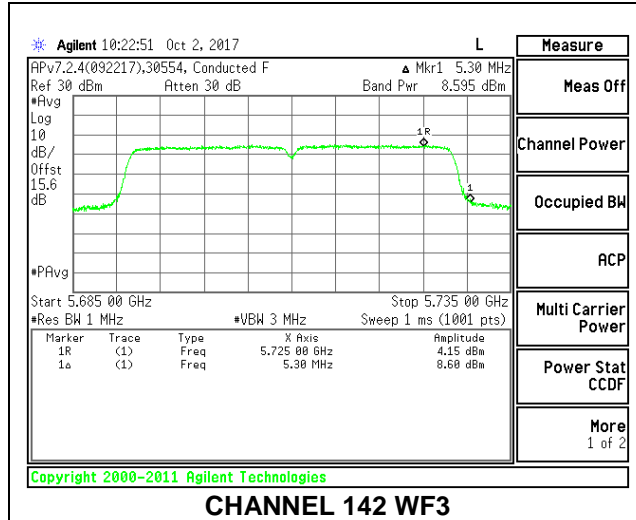
### LOW CHANNEL



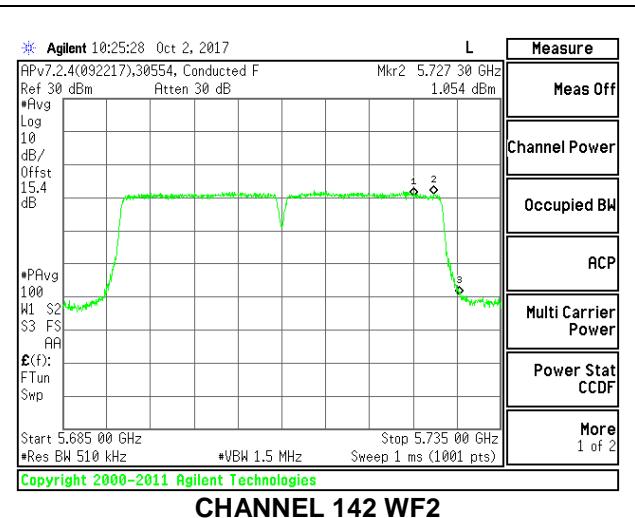
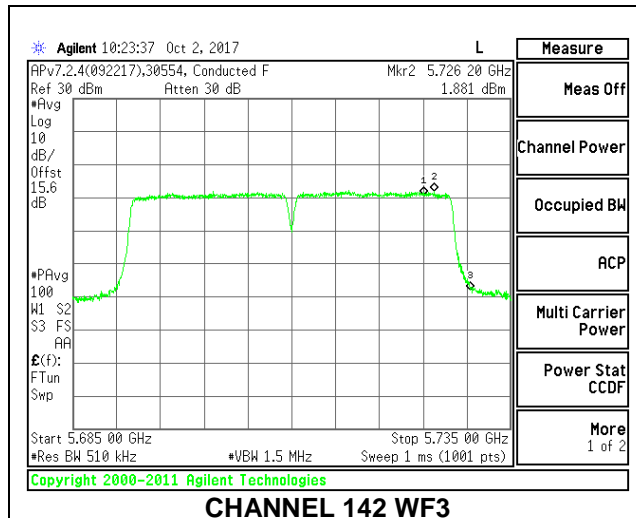
### HIGH CHANNEL



### CHANNEL 142 OUTPUT POWER



### CHANNEL 142 PSD





**2TX Antenna WF3 + Antenna WF2 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	2.33	2.33	30.00	30.00
High	5795	2.33	2.33	30.00	30.00
142	5710	2.33	2.33	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd Power</b>
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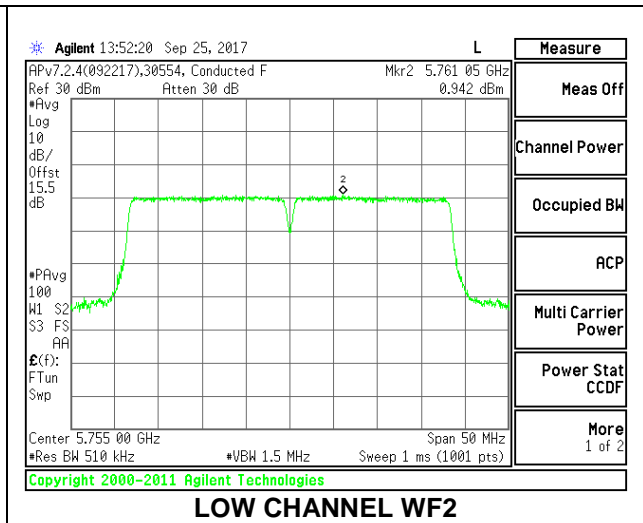
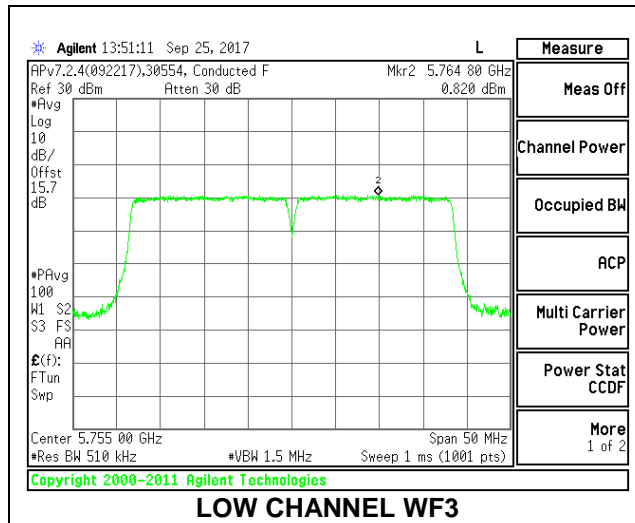
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.82	17.88	20.86	30.00	-9.14
High	5795	17.91	17.88	20.91	30.00	-9.09
142	5710	9.03	8.88	12.26	30.00	-17.74

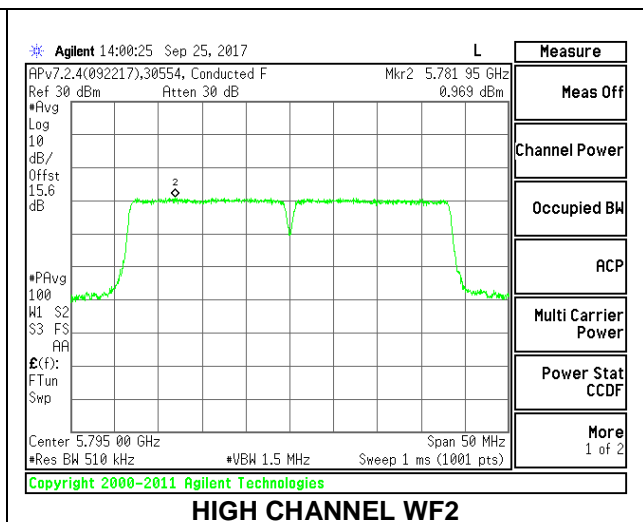
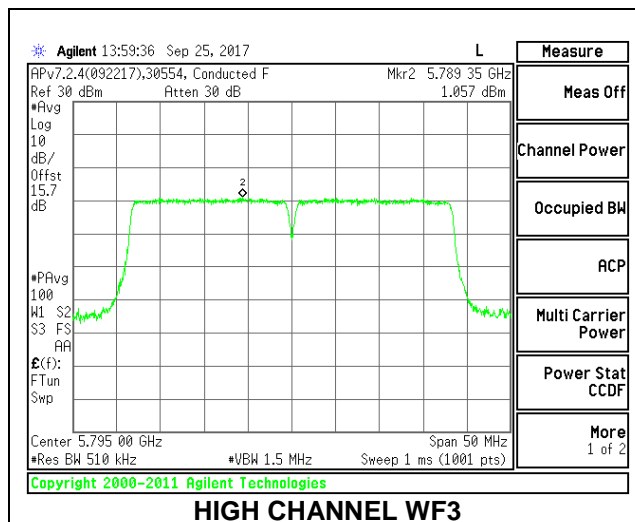
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	0.820	0.942	4.182	30.00	-25.82
High	5795	1.057	0.969	4.314	30.00	-25.69
142	5710	1.959	1.613	5.090	30.00	-24.91

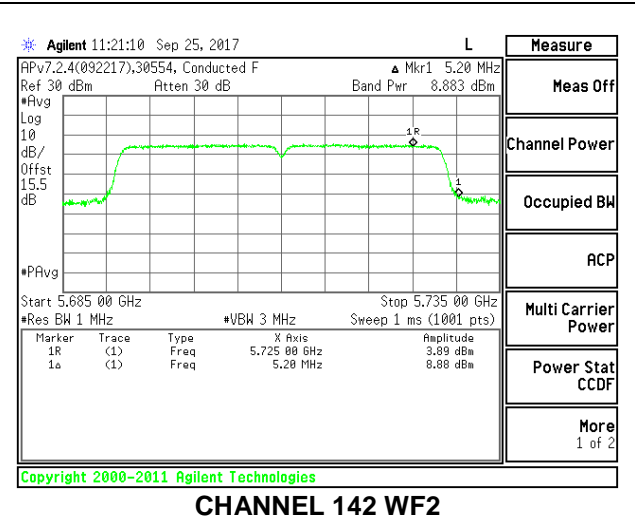
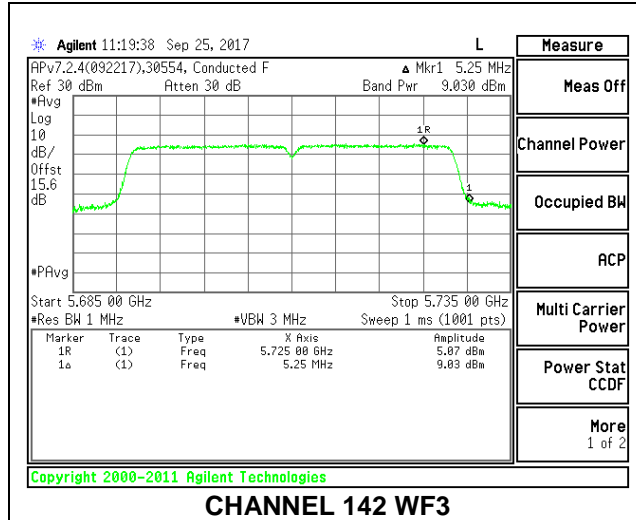
### LOW CHANNEL



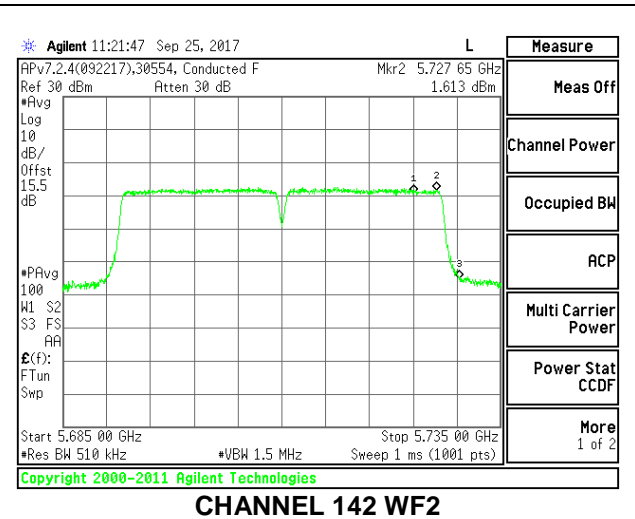
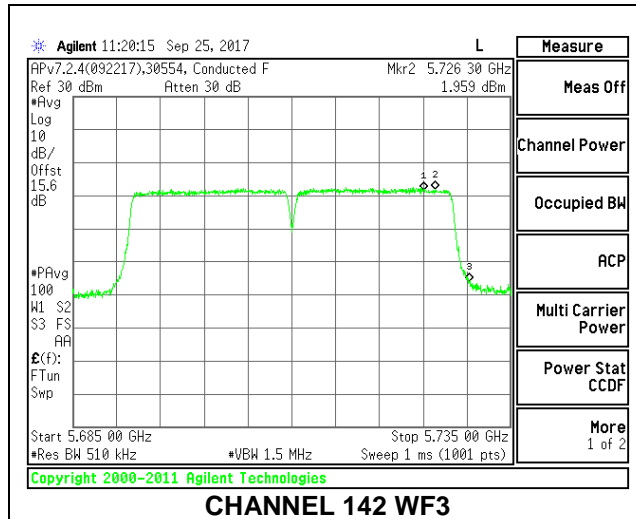
### HIGH CHANNEL



### CHANNEL 142 OUTPUT POWER



### CHANNEL 142 PSD



**2TX Antenna WF3 + Antenna WF2 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	5.30	5.30	30.00	30.00
High	5795	5.30	5.30	30.00	30.00
142	5710	5.30	5.30	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.11	<b>Included in Calculations of Corr'd Power</b>
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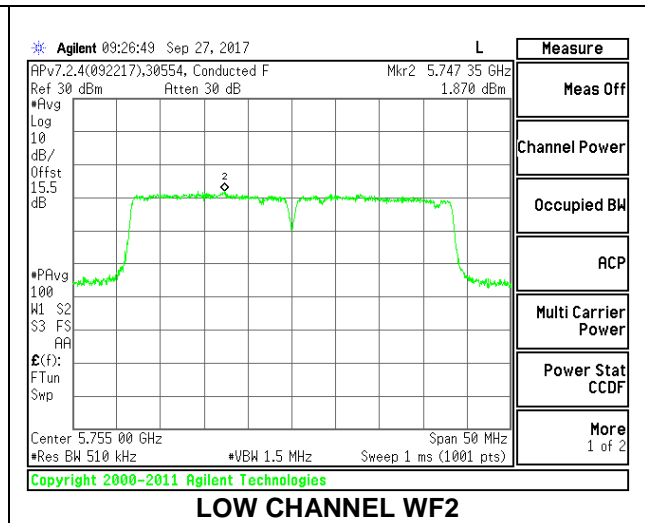
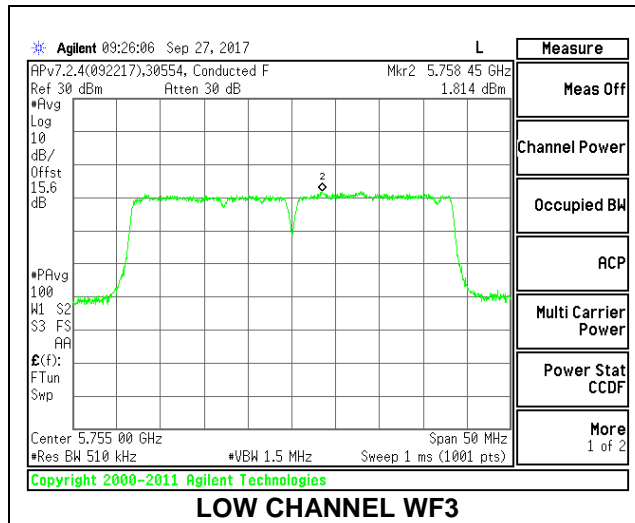
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.92	17.94	20.94	30.00	-9.06
High	5795	17.79	17.76	20.79	30.00	-9.21
142	5710	8.41	7.81	11.24	30.00	-18.76

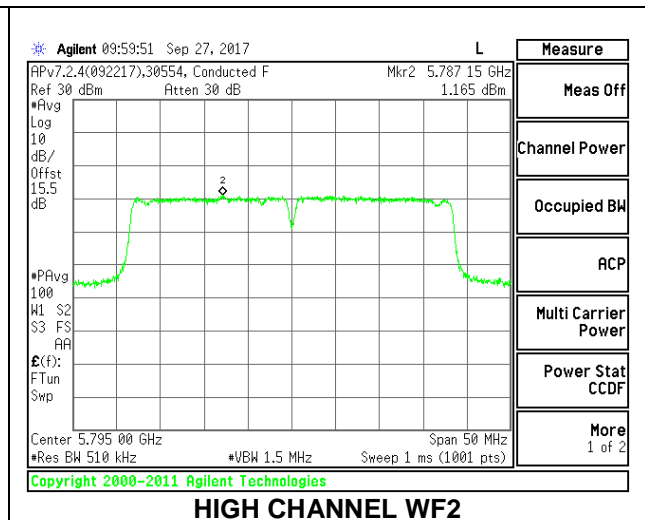
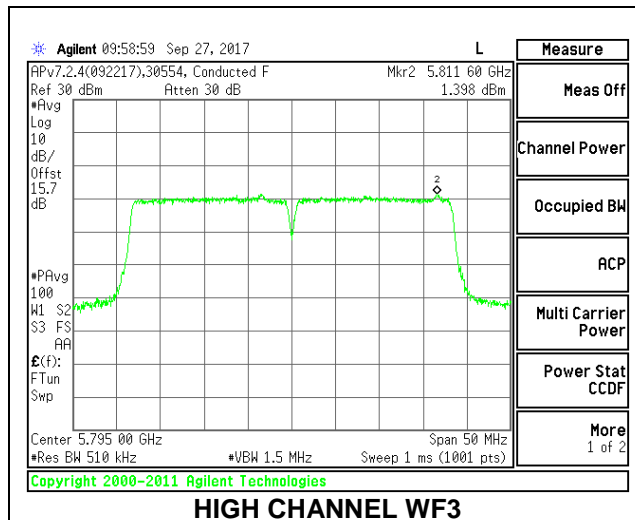
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	1.814	1.870	4.962	30.00	-25.04
High	5795	1.398	1.165	4.403	30.00	-25.60
142	5710	1.415	1.189	4.424	30.00	-25.58

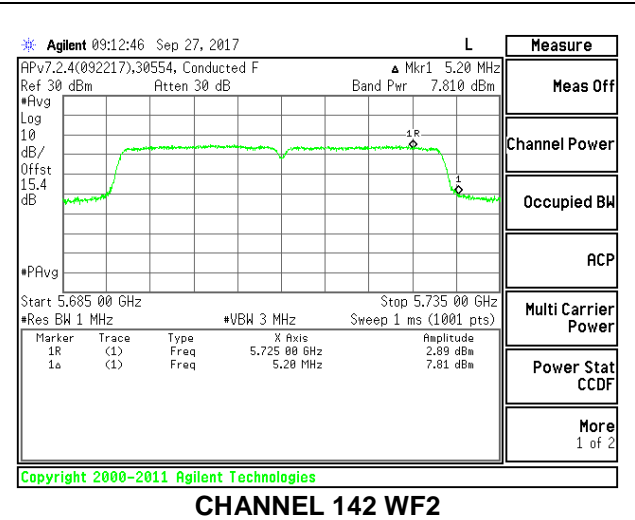
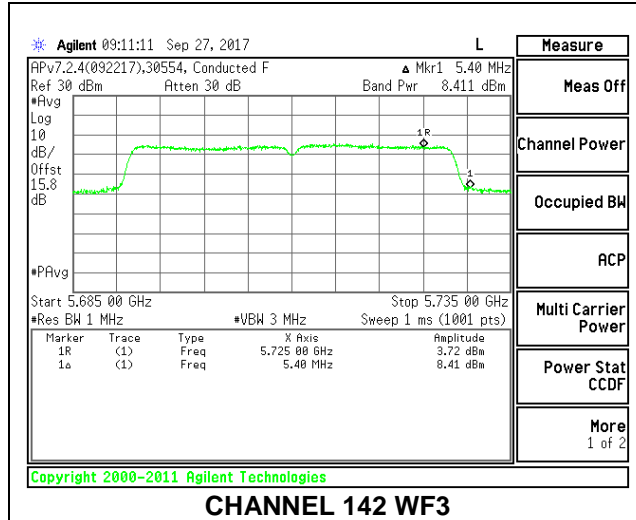
### LOW CHANNEL



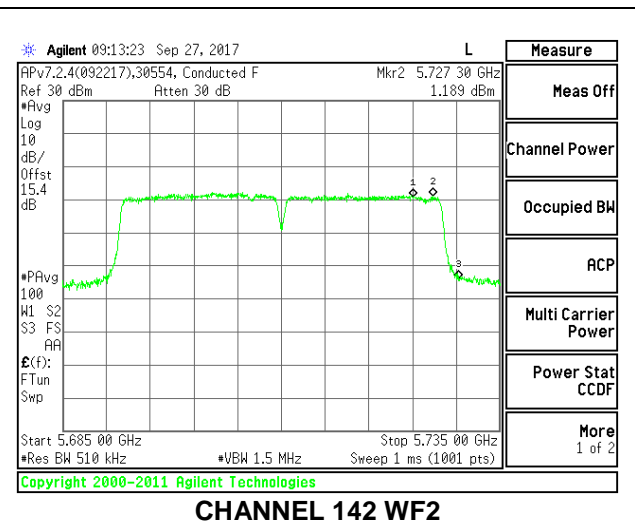
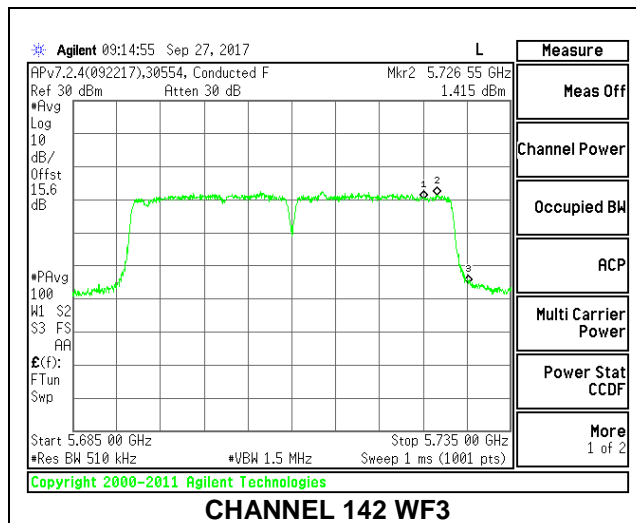
### HIGH CHANNEL



### CHANNEL 142 OUTPUT POWER



### CHANNEL 142 PSD



**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	1.93	6.65	30.00	29.35
High	5795	1.93	6.65	30.00	29.35
142	5710	1.93	6.65	30.00	29.35

<b>Duty Cycle CF (dB)</b>	0.46	<b>Included in Calculations of Corr'd Power</b>
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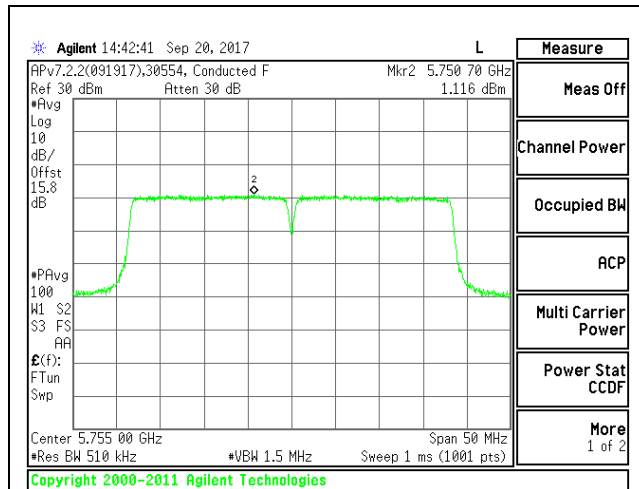
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.88	17.90	17.75	22.62	30.00	-7.38
High	5795	17.79	17.93	17.72	22.59	30.00	-7.41
142	5710	5.70	6.12	5.83	11.12	30.00	-18.88

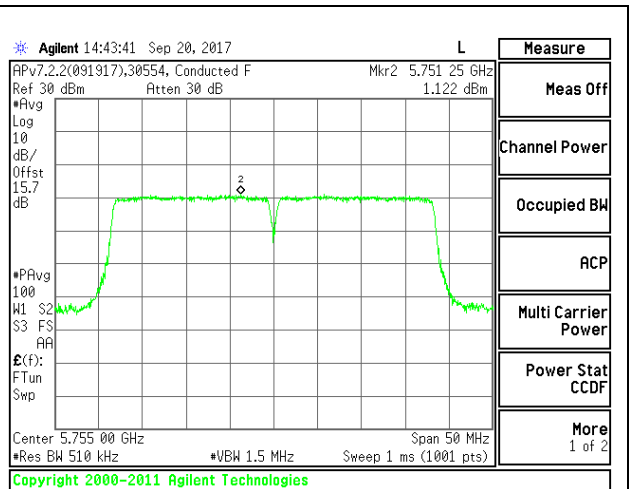
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	1.116	1.122	0.892	6.276	29.35	-23.07
High	5795	0.913	1.136	1.139	6.295	29.35	-23.05
142	5710	-1.254	-0.988	-1.189	4.089	29.35	-25.26

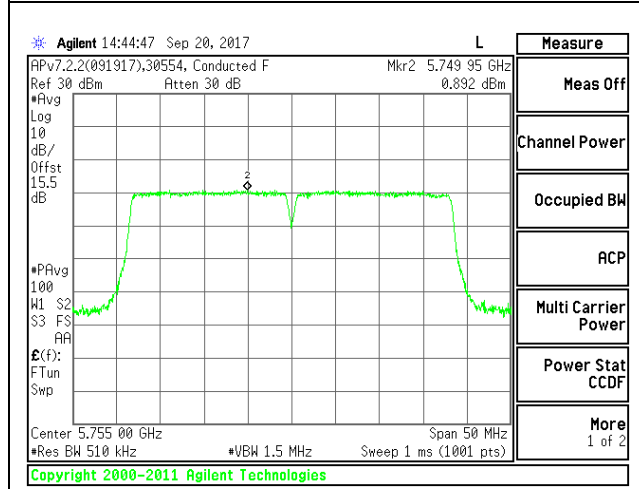
### LOW CHANNEL



**LOW CHANNEL WF4**



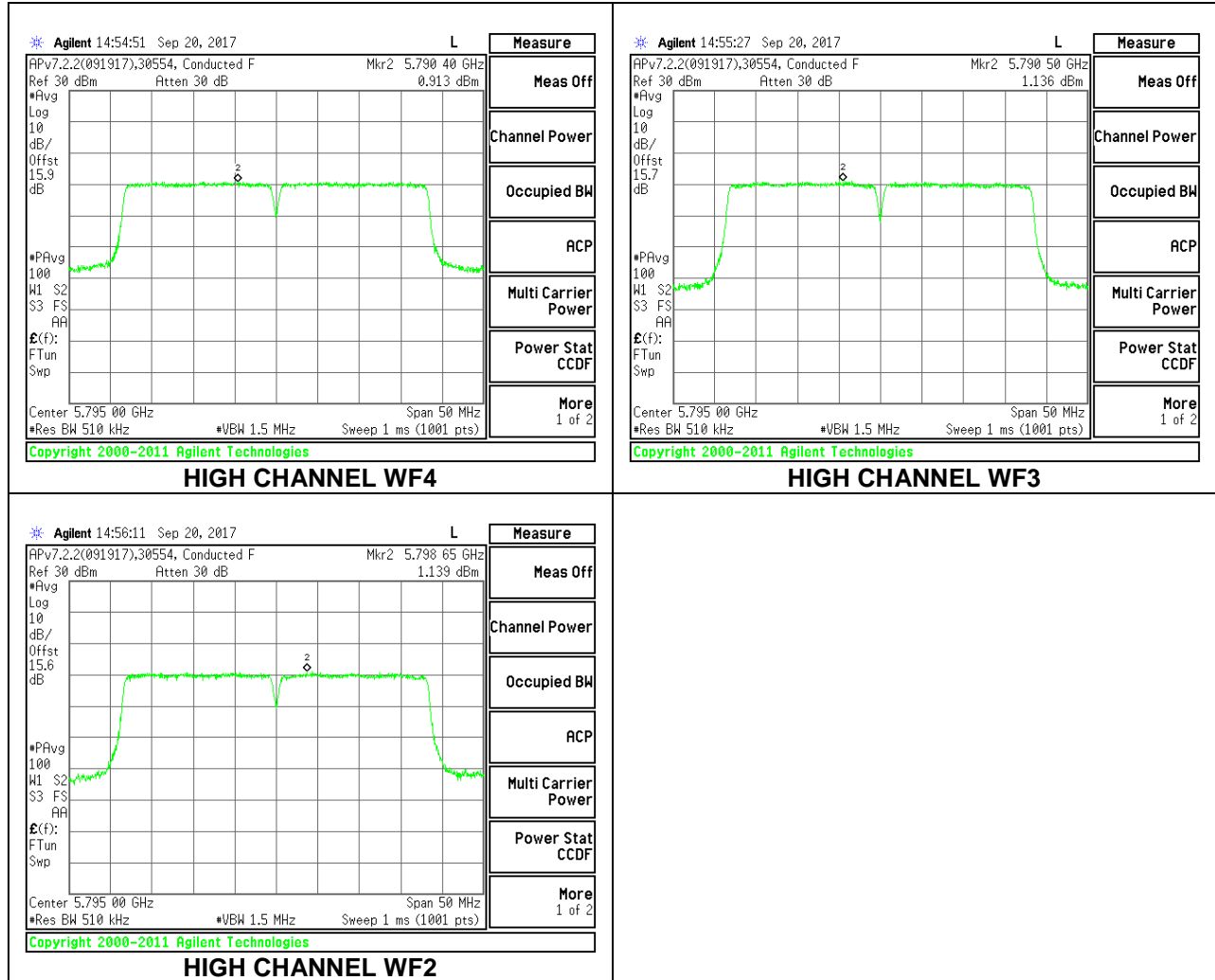
**LOW CHANNEL WF3**



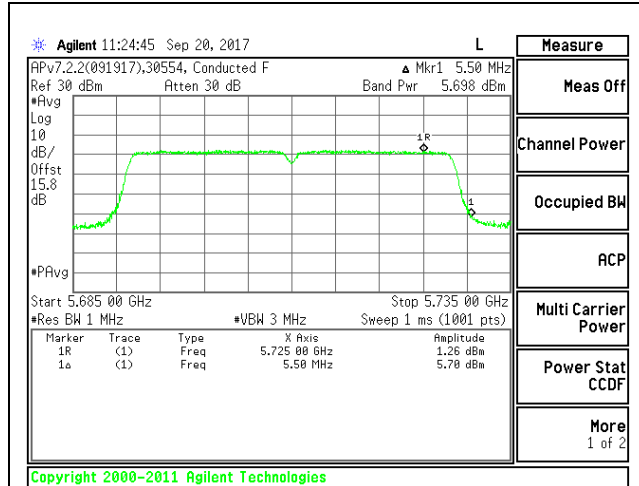
**LOW CHANNEL WF2**



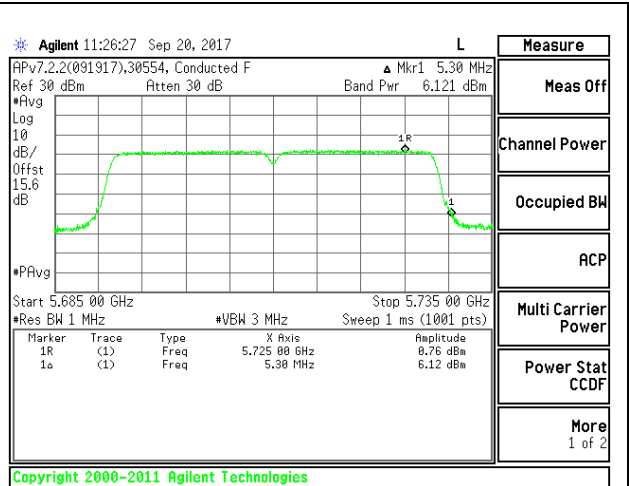
### HIGH CHANNEL



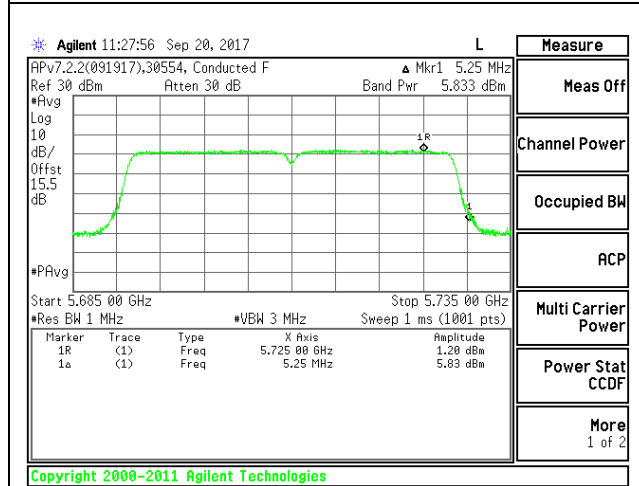
### CHANNEL 142 OUTPUT POWER



**CHANNEL 142 WF4**

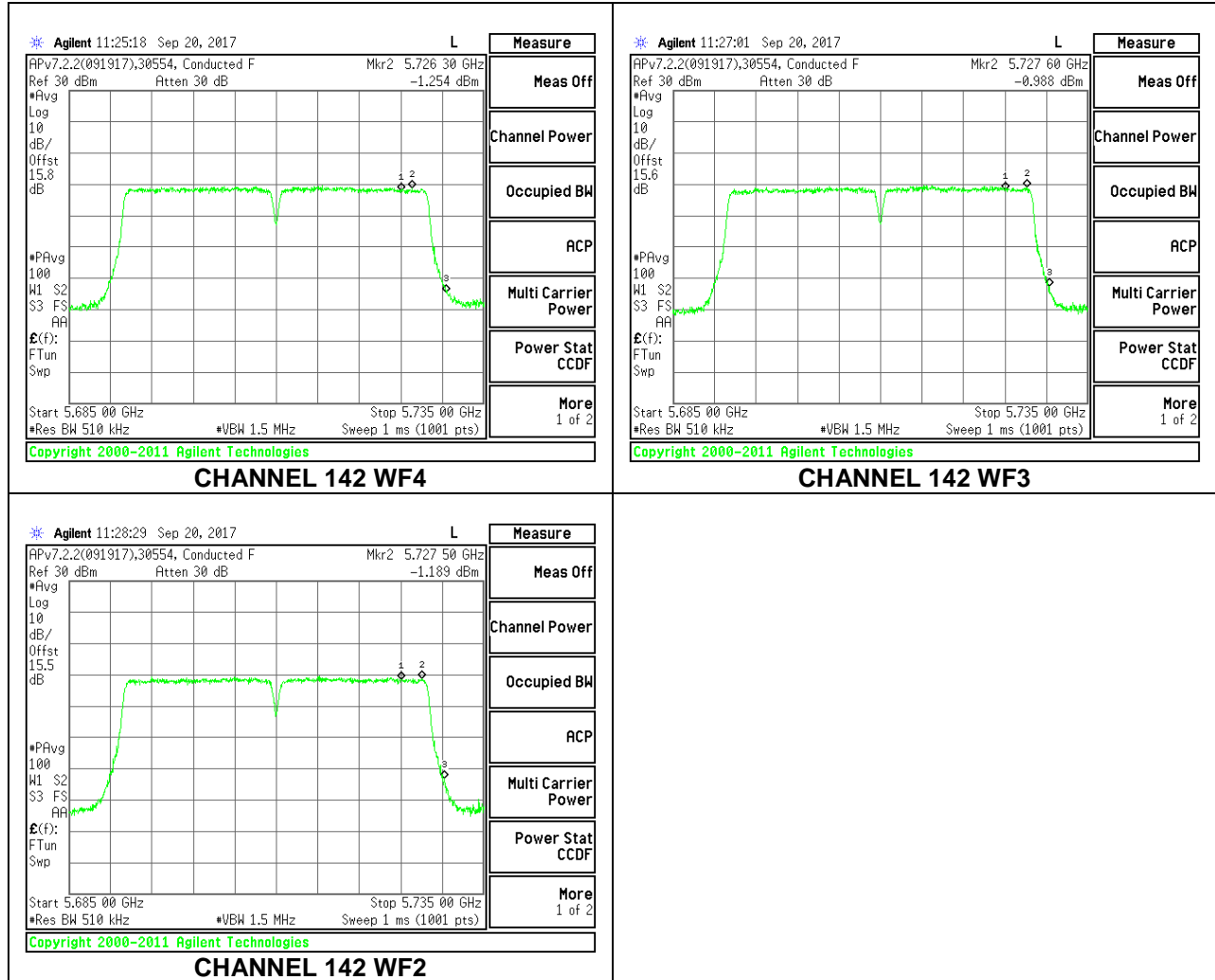


**CHANNEL 142 WF3**



**CHANNEL 142 WF2**

### CHANNEL 142 PSD



**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	1.93	1.93	30.00	30.00
High	5795	1.93	1.93	30.00	30.00
142	5710	1.93	1.93	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.26	<b>Included in Calculations of Corr'd Power</b>
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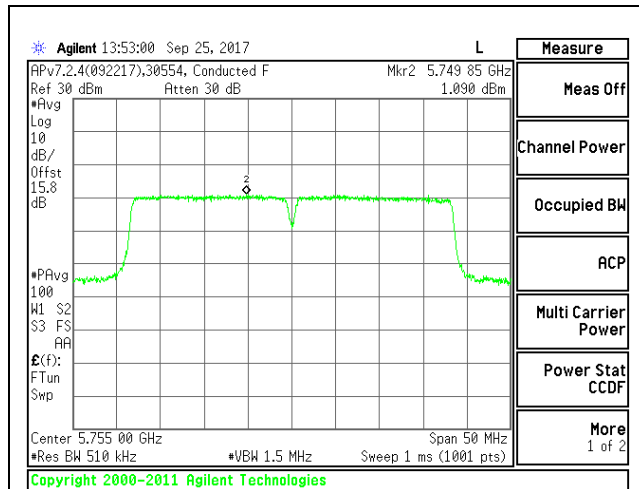
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.92	17.86	17.88	22.66	30.00	-7.34
High	5795	17.84	17.96	17.90	22.67	30.00	-7.33
142	5710	7.00	7.03	6.96	12.03	30.00	-17.97

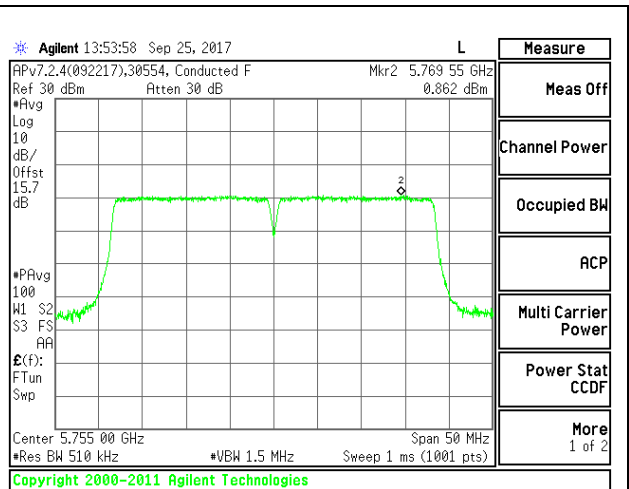
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	1.090	0.862	0.887	5.979	30.00	-24.02
High	5795	0.868	1.938	0.923	6.303	30.00	-23.70
142	5710	0.321	0.086	-0.186	5.110	30.00	-24.89

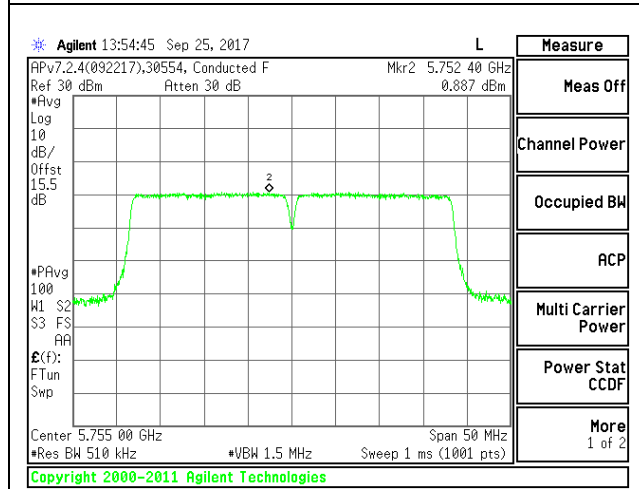
### LOW CHANNEL



**LOW CHANNEL WF4**

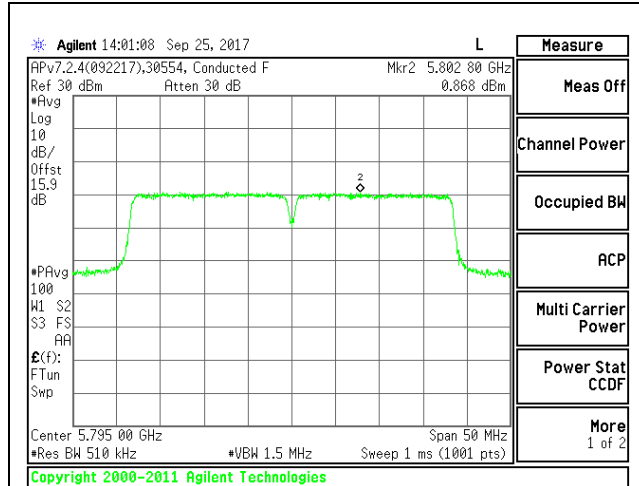


**LOW CHANNEL WF3**

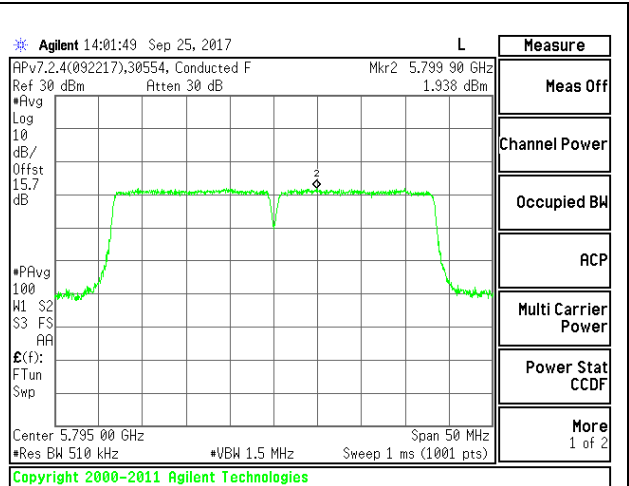


**LOW CHANNEL WF2**

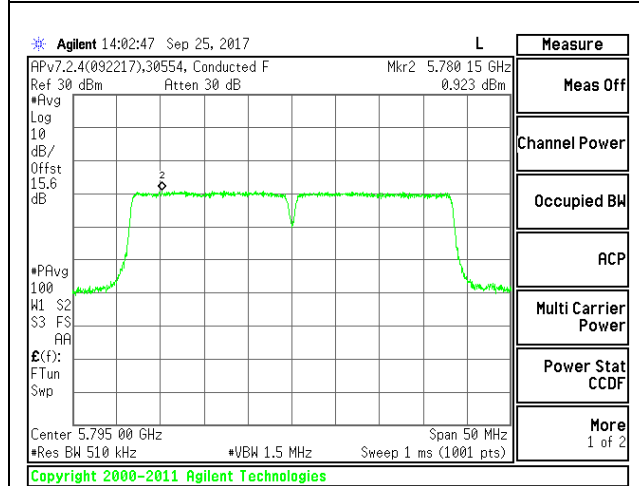
**HIGH CHANNEL**



**HIGH CHANNEL WF4**

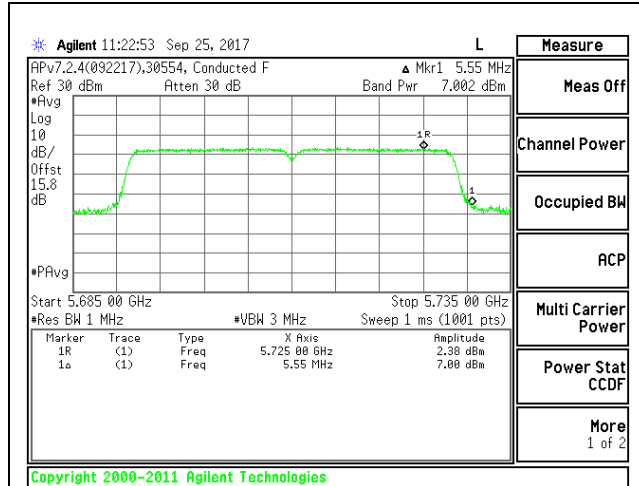


**HIGH CHANNEL WF3**

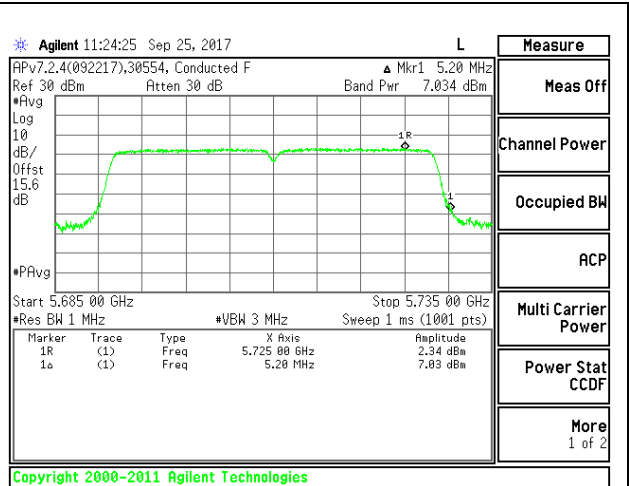


**HIGH CHANNEL WF2**

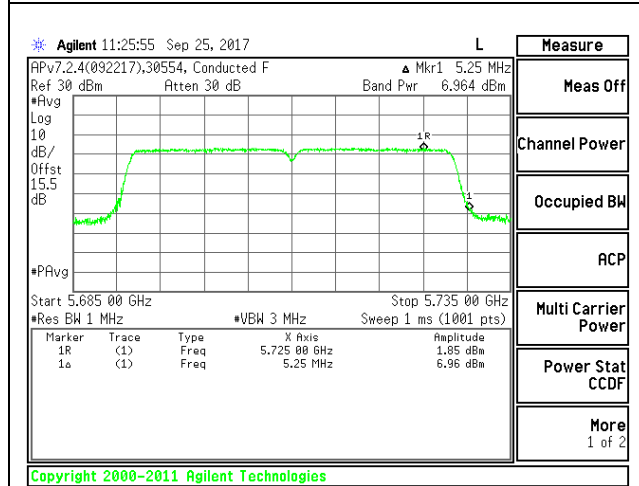
### CHANNEL 142 OUTPUT POWER



**CHANNEL 142 WF4**

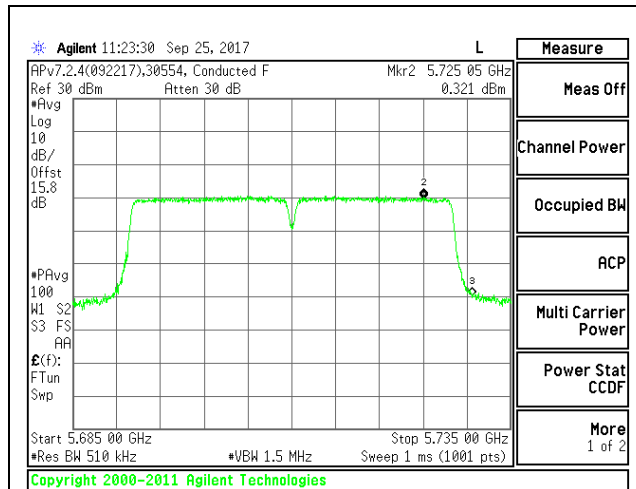


**CHANNEL 142 WF3**

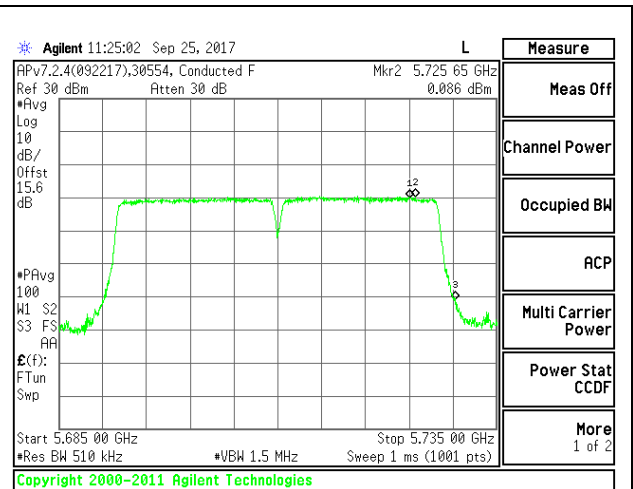


**CHANNEL 142 WF2**

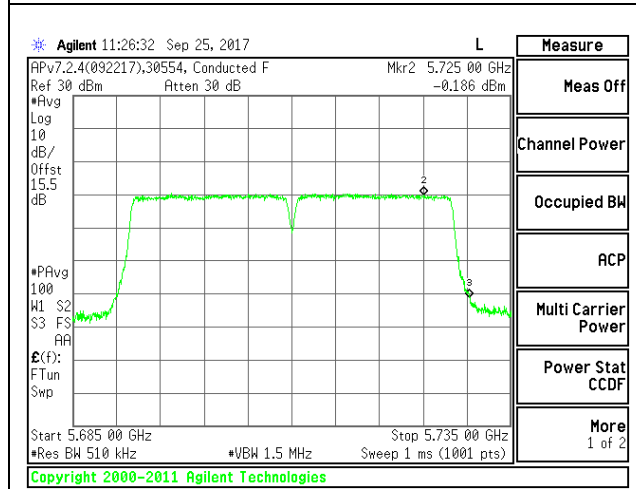
### CHANNEL 142 PSD



**CHANNEL 142 WF4**



**CHANNEL 142 WF3**



**CHANNEL 142 WF2**



**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5755	6.65	6.65	29.35	29.35
High	5795	6.65	6.65	29.35	29.35
142	5710	6.65	6.65	29.35	29.35

<b>Duty Cycle CF (dB)</b>	0.31	<b>Included in Calculations of Corr'd Power</b>
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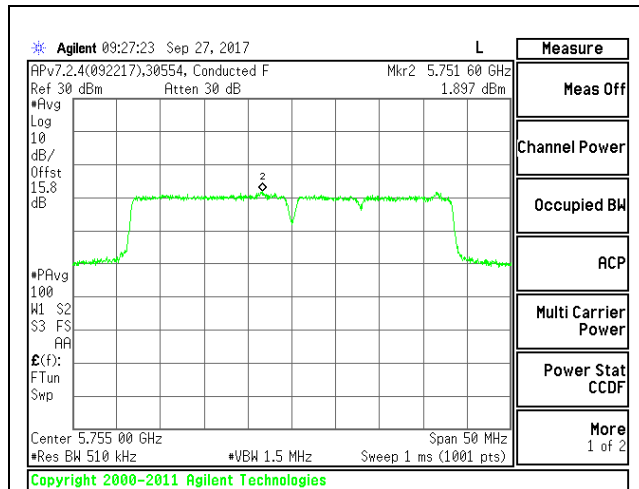
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	17.83	17.94	17.80	22.63	29.35	-6.72
High	5795	17.79	17.75	17.78	22.54	29.35	-6.81
142	5710	5.92	5.55	5.60	10.77	29.35	-18.58

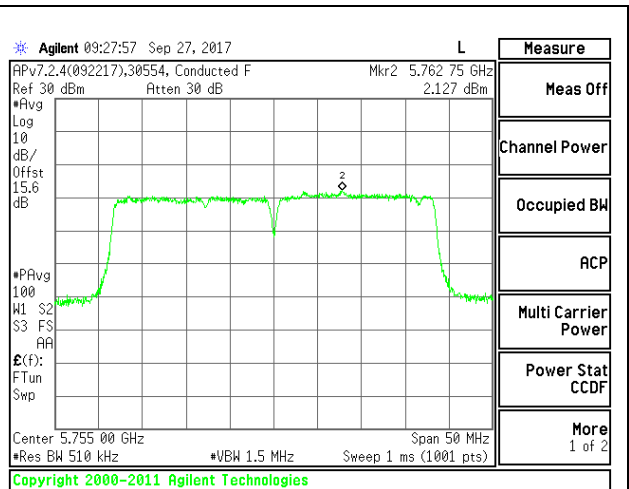
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	1.897	2.127	1.673	6.984	29.35	-22.37
High	5795	1.554	0.088	0.902	5.970	29.35	-23.38
142	5710	-0.711	-0.754	-1.122	4.223	29.35	-25.13

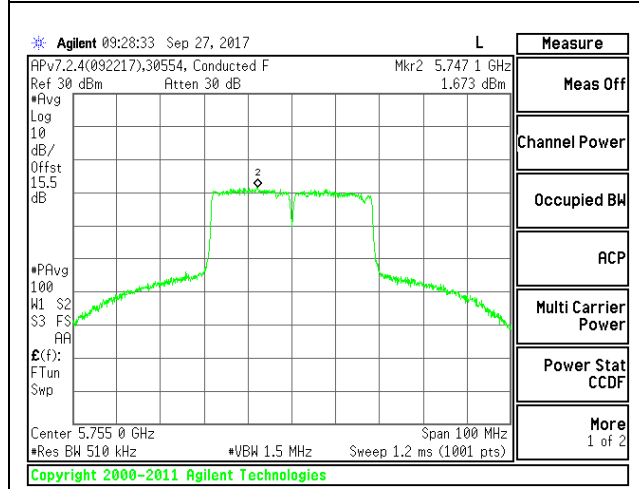
### LOW CHANNEL



**LOW CHANNEL WF4**

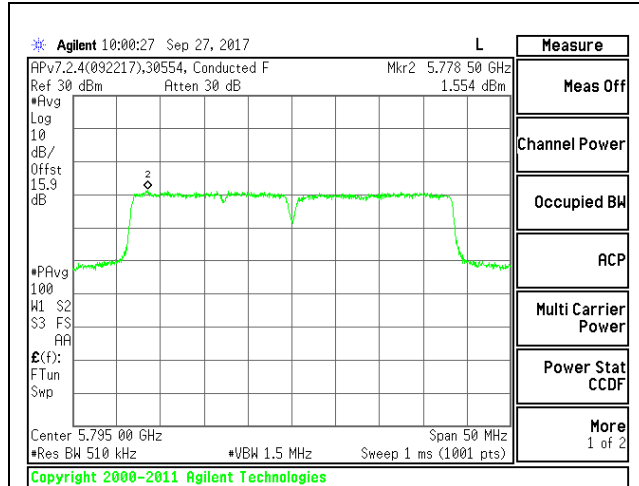


**LOW CHANNEL WF3**

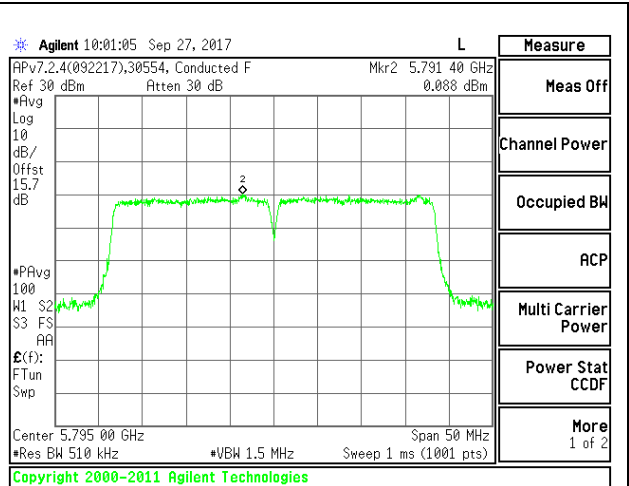


**LOW CHANNEL WF2**

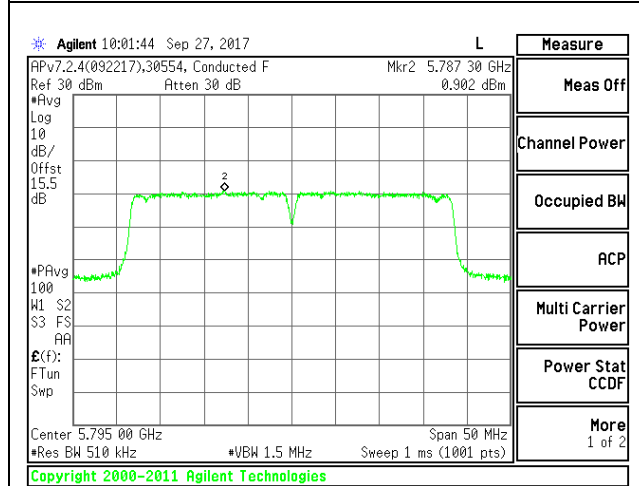
**HIGH CHANNEL**



**HIGH CHANNEL WF4**

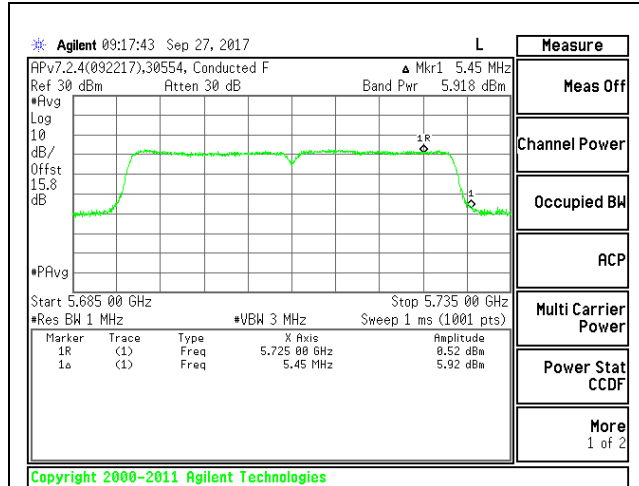


**HIGH CHANNEL WF3**

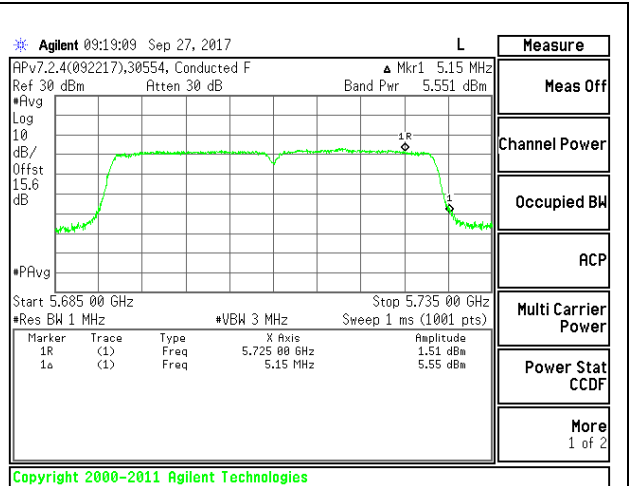


**HIGH CHANNEL WF2**

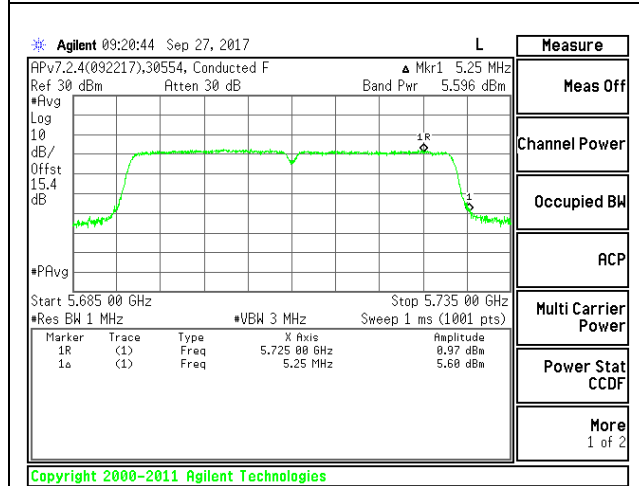
### CHANNEL 142 OUTPUT POWER



**CHANNEL 142 WF4**

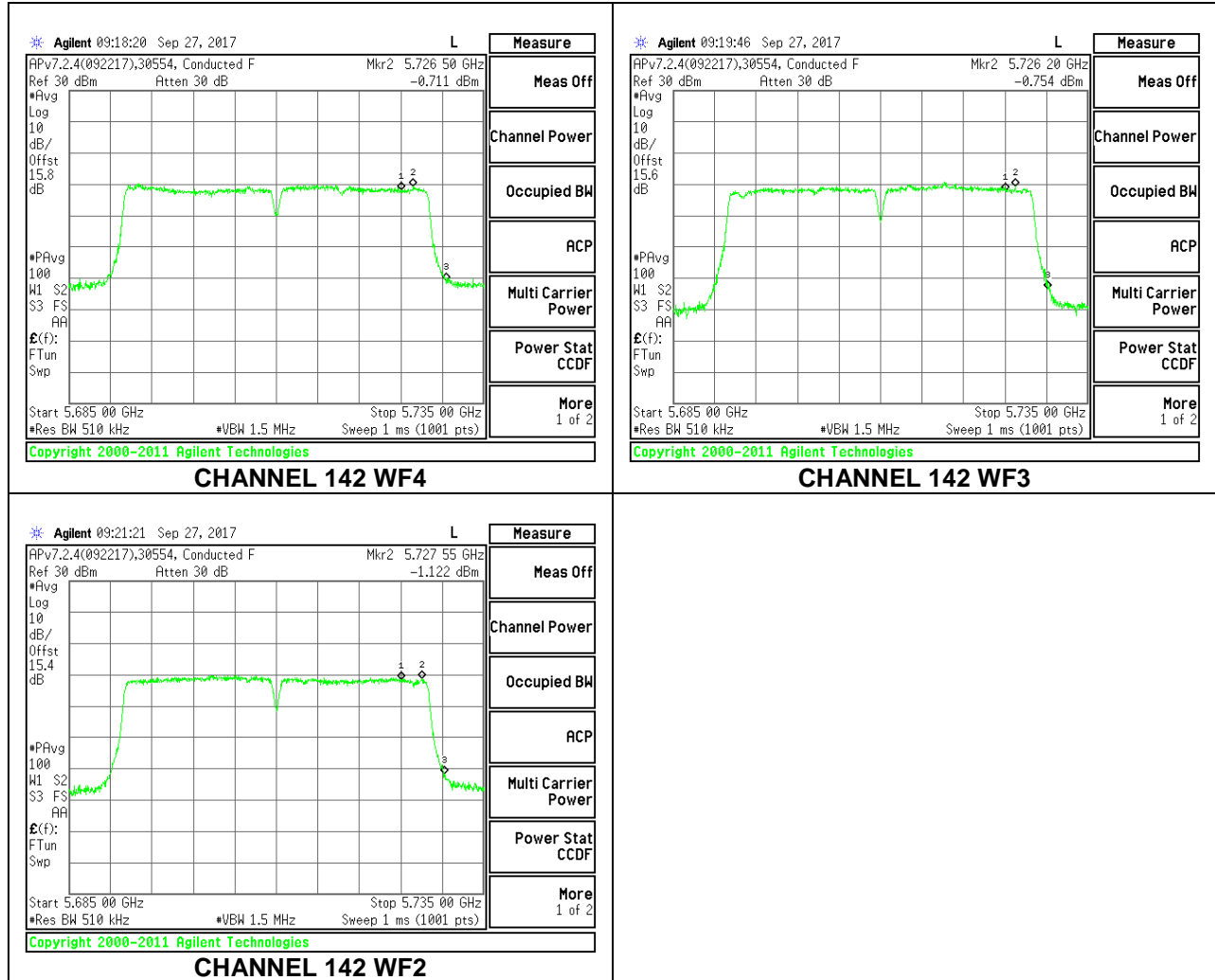


**CHANNEL 142 WF3**



**CHANNEL 142 WF2**

### CHANNEL 142 PSD



**4.5.12. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND**

**1TX Antenna WF4**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	1.00	30.00	30.00
138	5690	1.00	30.00	30.00

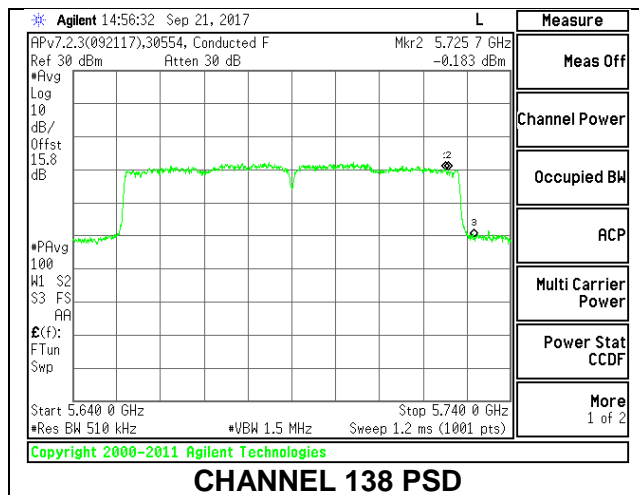
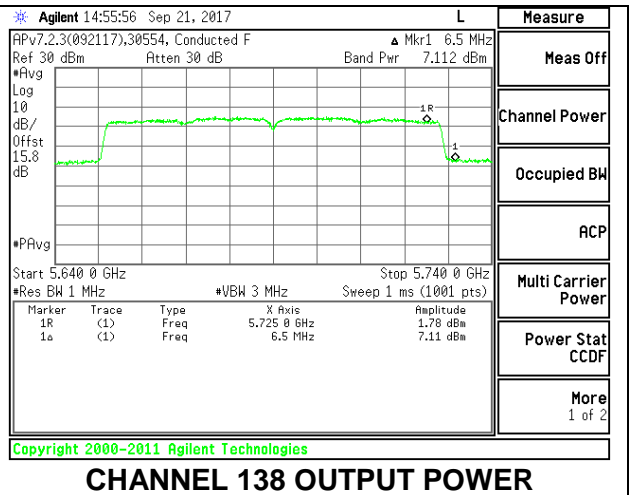
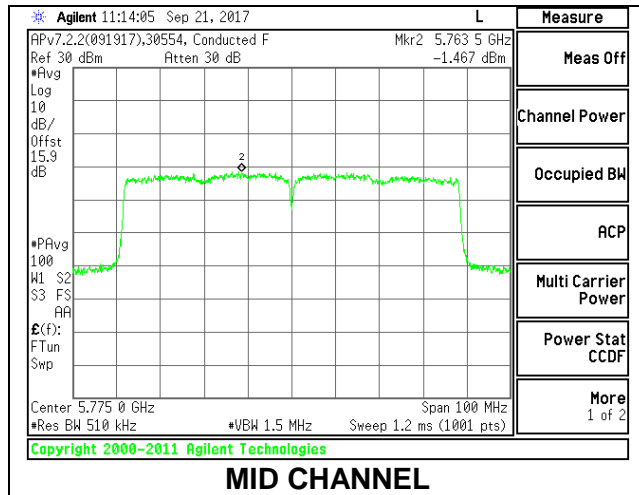
<b>Duty Cycle CF (dB)</b>	0.20	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	17.79	17.79	30.00	-12.21
138	5690	7.11	7.31	30.00	-22.69

**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-1.47	-1.27	30.00	-31.27
138	5690	-0.18	0.02	30.00	-29.98



**1TX Antenna WF3**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	1.40	30.00	30.00
138	5690	1.40	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.20	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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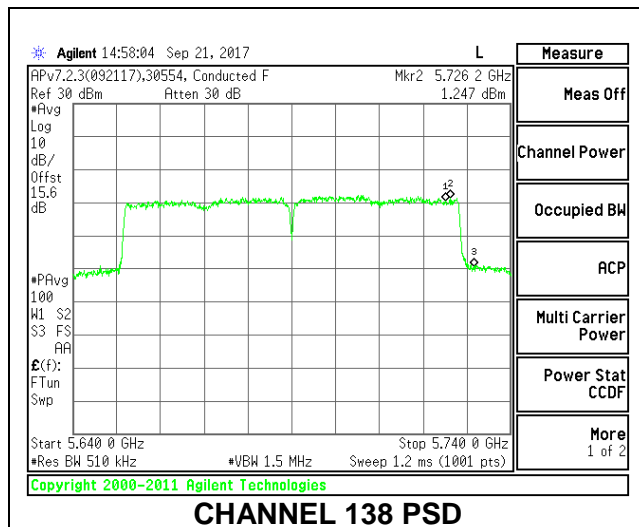
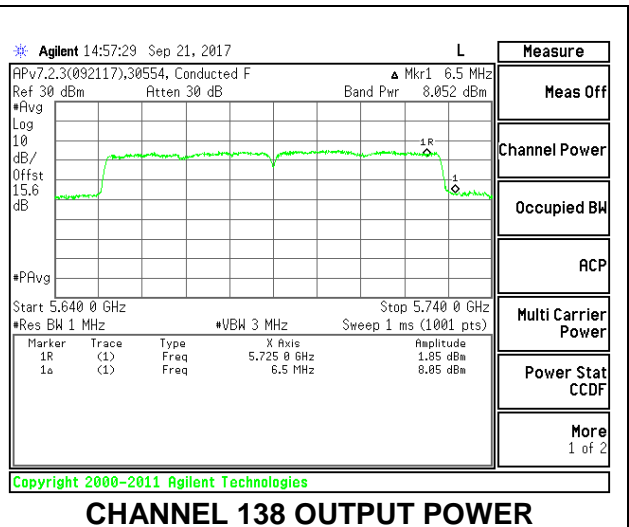
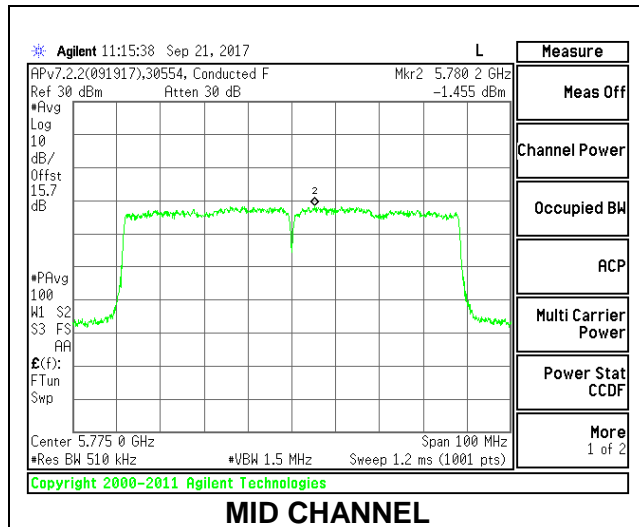
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	17.85	17.85	30.00	-12.15
138	5690	8.05	8.25	30.00	-21.75

**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-1.45	-1.25	30.00	-31.25
138	5690	2.45	2.65	30.00	-27.35





**1TX Antenna WF2**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	3.10	30.00	30.00
138	5690	3.10	30.00	30.00

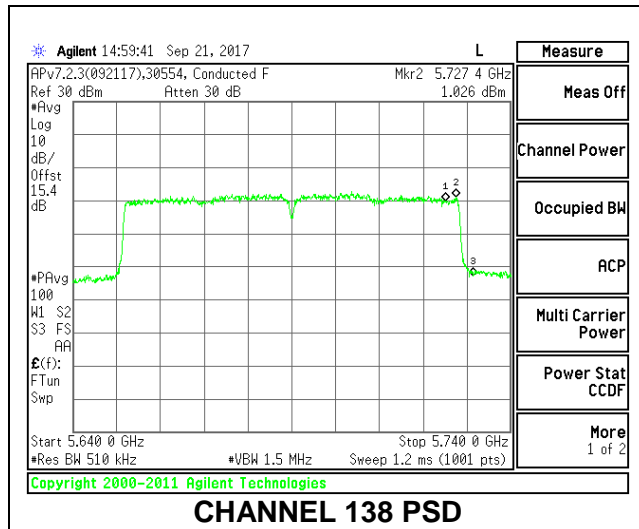
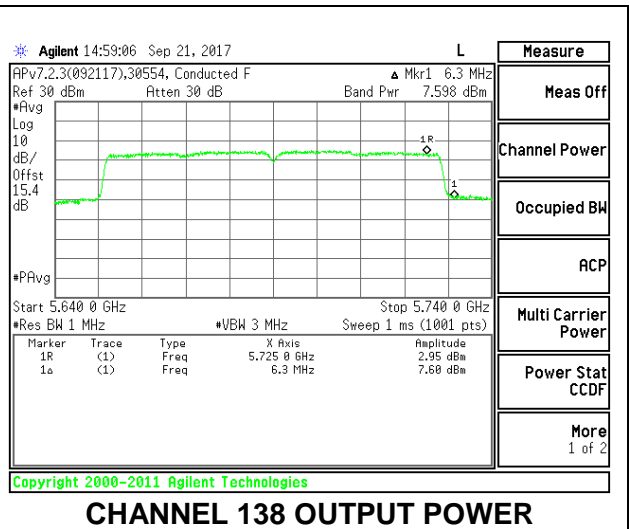
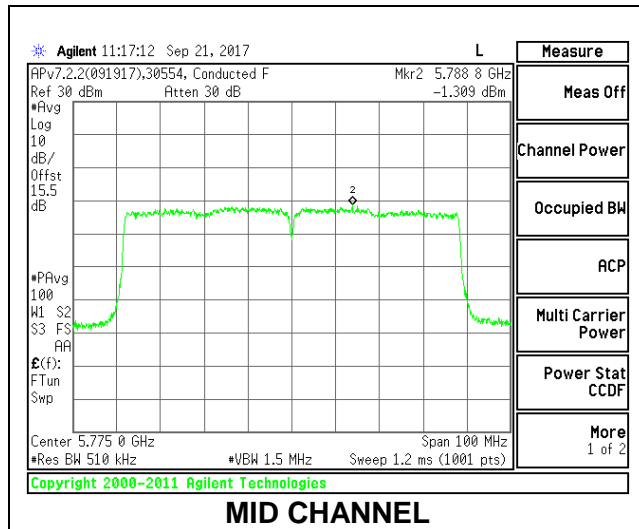
<b>Duty Cycle CF (dB)</b>	0.20	<b>Included in Calculations of Corr'd Power &amp; PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	17.78	17.78	30.00	-12.22
138	5690	7.60	7.80	30.00	-22.20

**PSD Results**

Channel	Frequency (MHz)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-1.39	-1.19	30.00	-31.19
138	5690	1.03	1.23	30.00	-28.77



**2TX Antenna WF4 + Antenna WF3 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	1.20	4.21	30.00	30.00
138	5690	1.20	4.21	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.33	<b>Included in Calculations of Corr'd Power</b>
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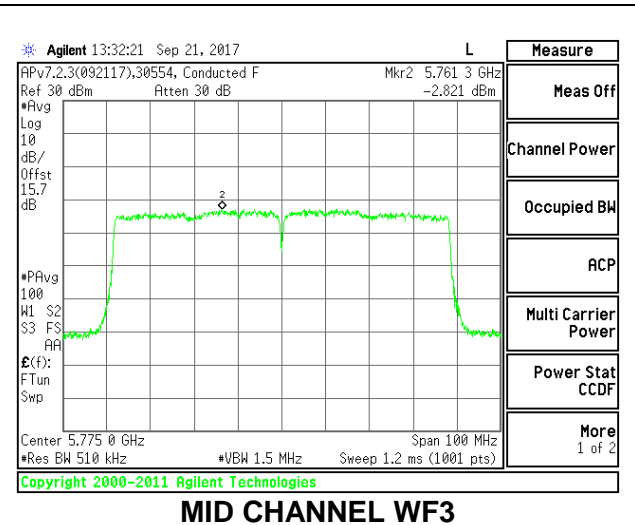
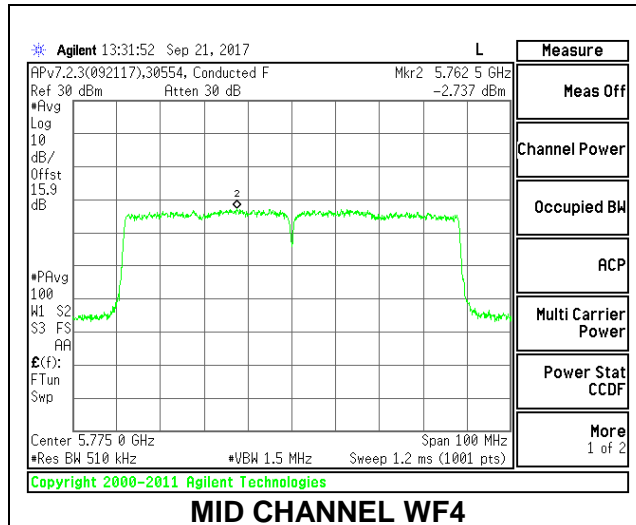
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.79	16.89	19.85	30.00	-10.15
138	5690	6.58	6.42	9.84	30.00	-20.16

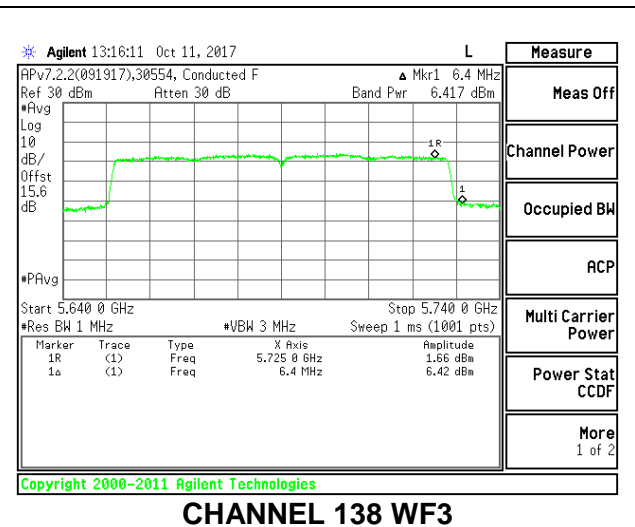
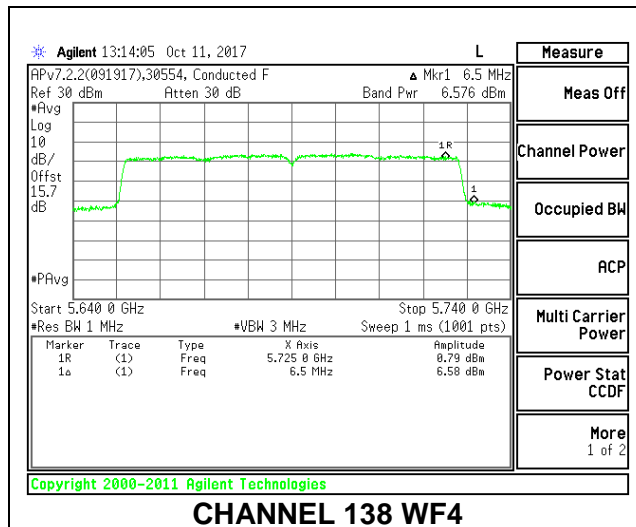
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.74	-2.82	0.560	30.00	-29.44
138	5690	-0.07	0.63	3.634	30.00	-26.37

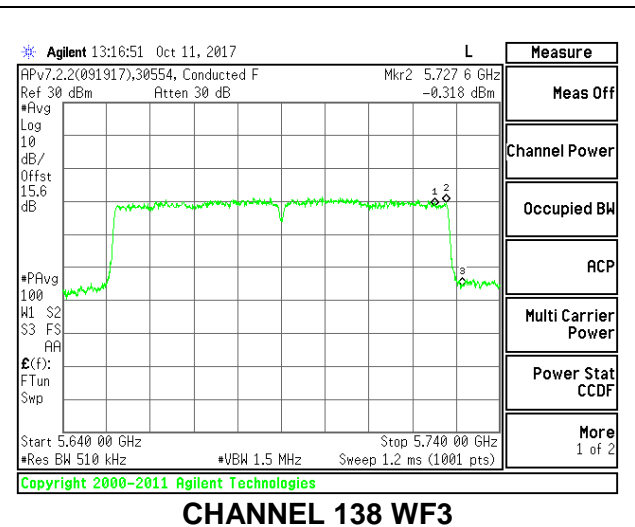
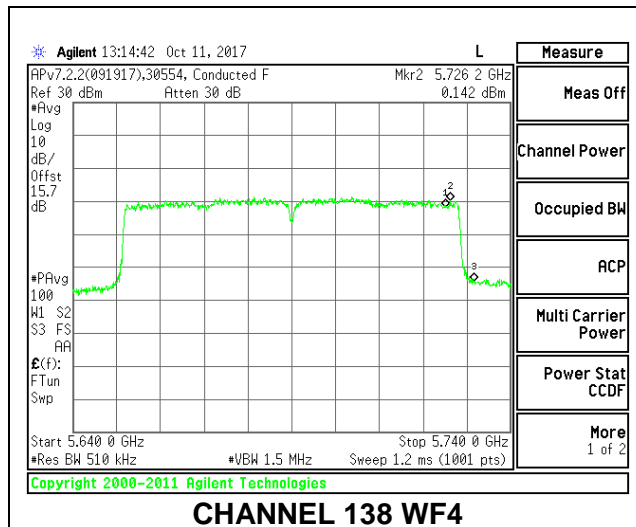
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**2TX Antenna WF4 + Antenna WF3 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	1.20	1.20	30.00	30.00
138	5690	1.20	1.20	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.39	<b>Included in Calculations of Corr'd Power</b>
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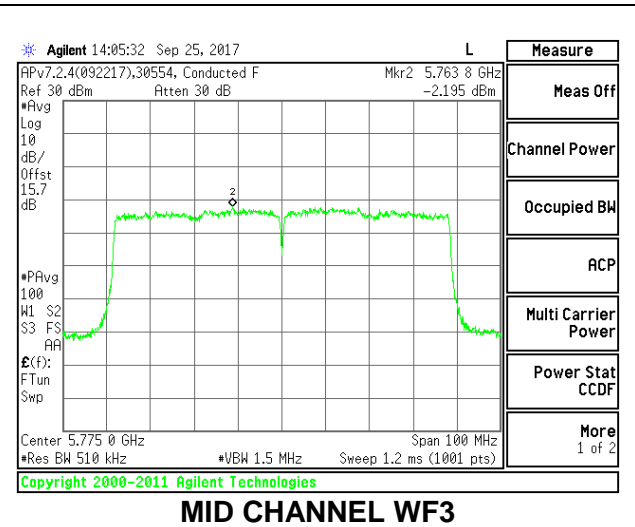
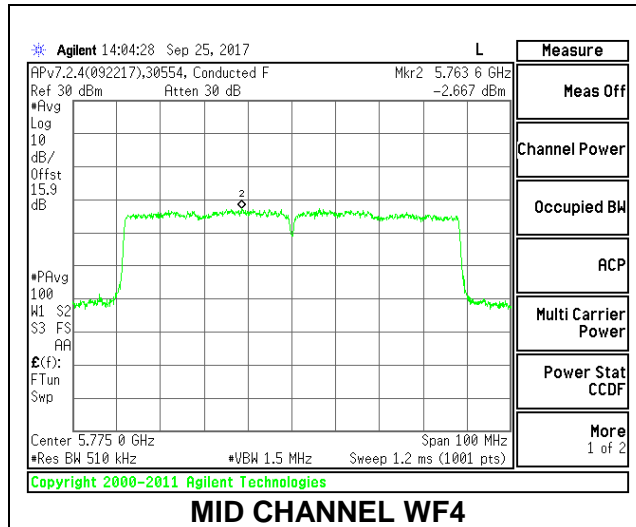
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.87	16.78	19.84	30.00	-10.16
138	5690	6.45	6.50	9.88	30.00	-20.12

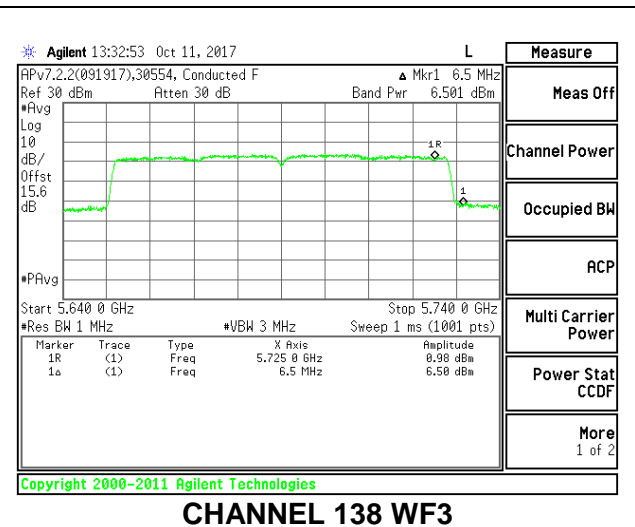
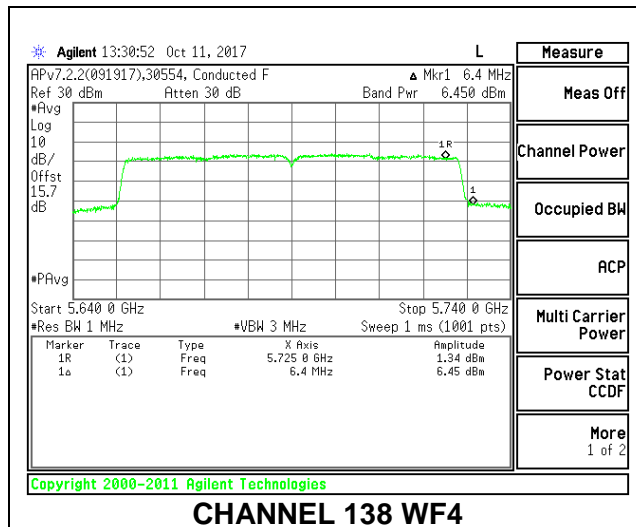
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.67	-2.20	0.972	30.00	-29.03
138	5690	-0.38	0.04	3.239	30.00	-26.76

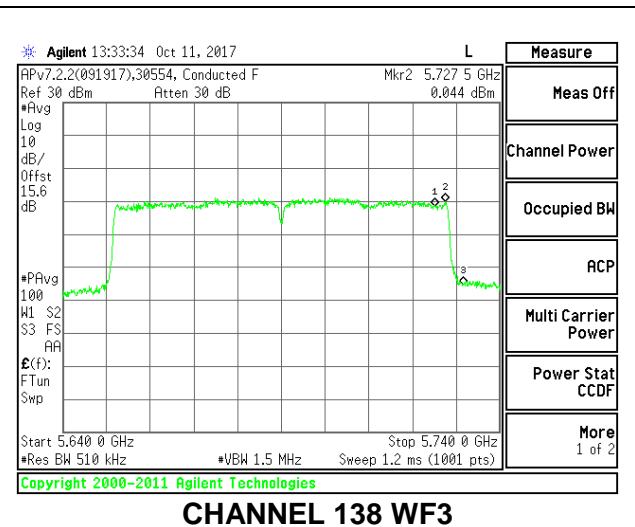
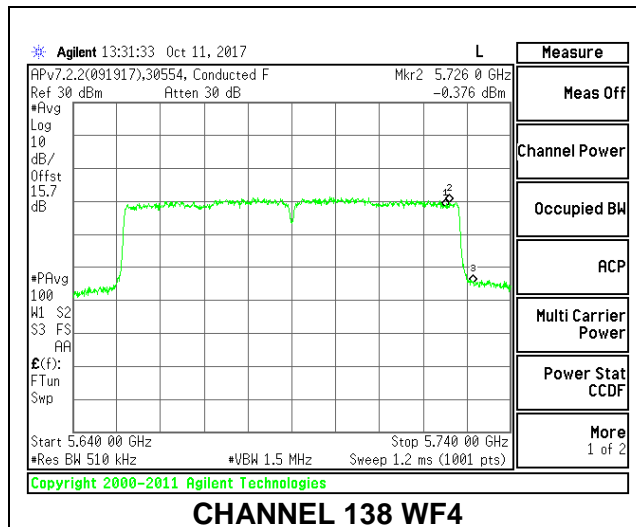
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**2TX Antenna WF4 + Antenna WF3 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	4.21	4.21	30.00	30.00
138	5690	4.21	4.21	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd Power</b>
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**Output Power Results**

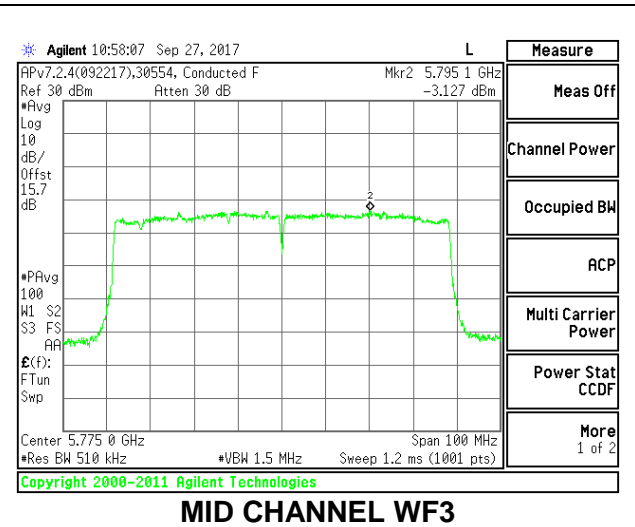
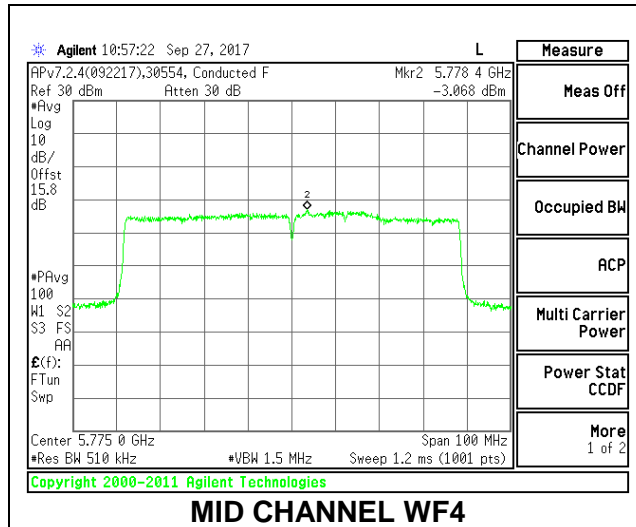
Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	15.89	15.79	18.85	30.00	-11.15
138	5690	6.38	6.06	9.52	30.00	-20.48

**PSD Results**

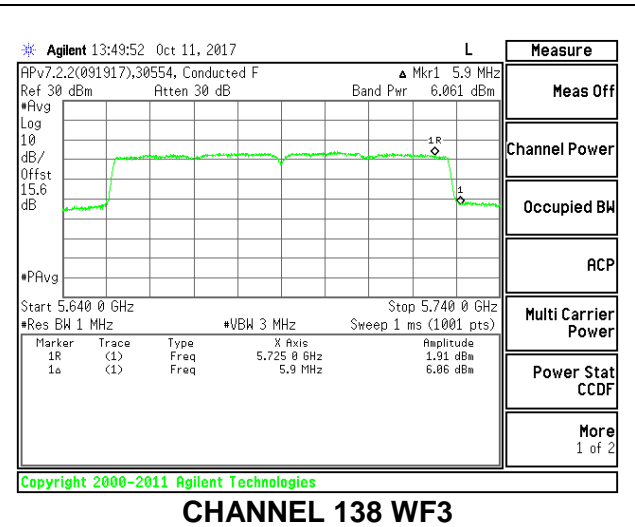
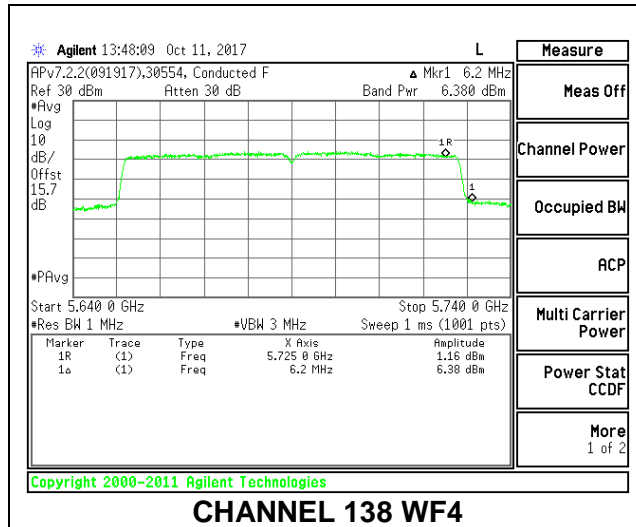
Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-3.07	-3.13	0.200	30.00	-29.80
138	5690	-0.30	-0.31	2.997	30.00	-27.00



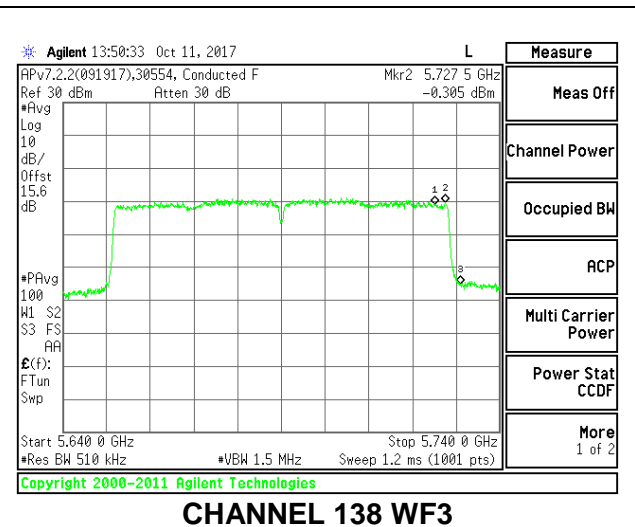
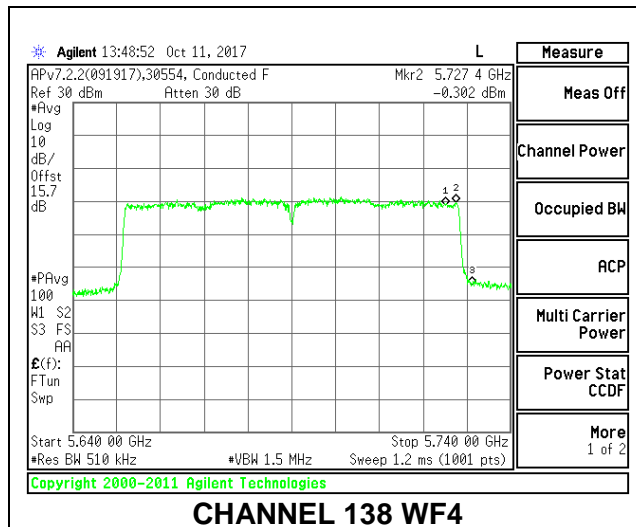
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**2TX Antenna WF4 + Antenna WF2 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	2.18	5.12	30.00	30.00
138	5690	2.18	5.12	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.33	<b>Included in Calculations of Corr'd Power</b>
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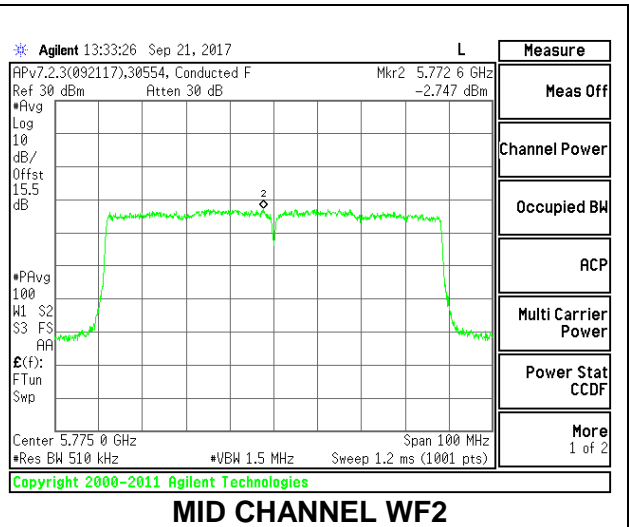
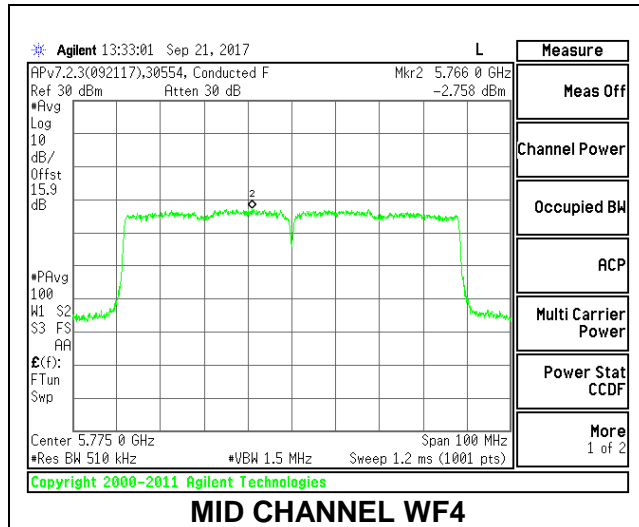
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.89	16.77	19.84	30.00	-10.16
138	5690	6.07	6.09	9.42	30.00	-20.58

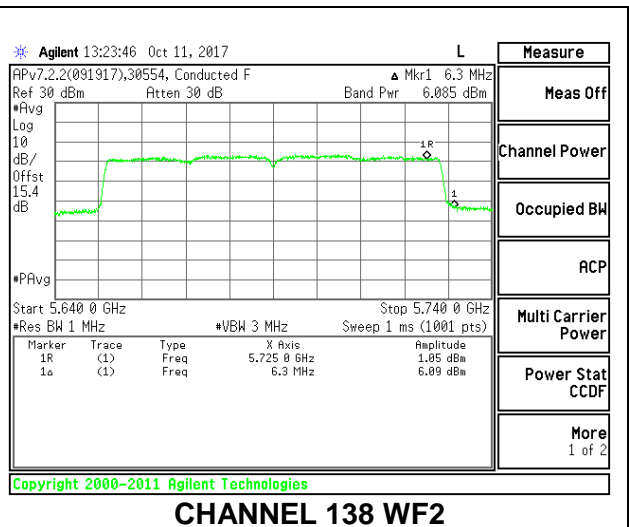
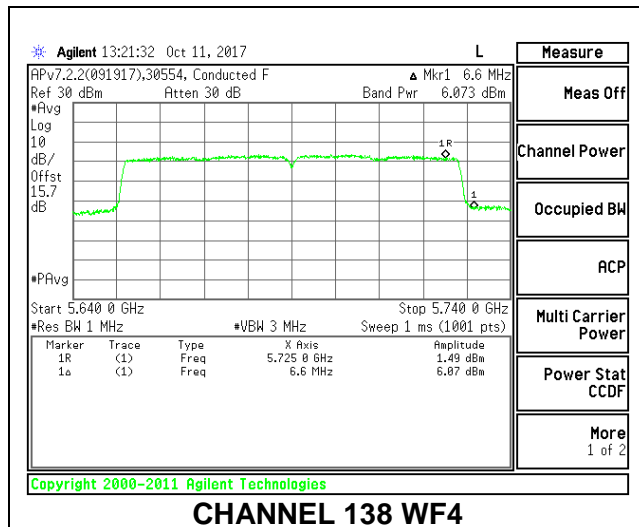
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.76	-2.75	0.585	30.00	-29.41
138	5690	-0.32	-0.21	3.077	30.00	-26.92

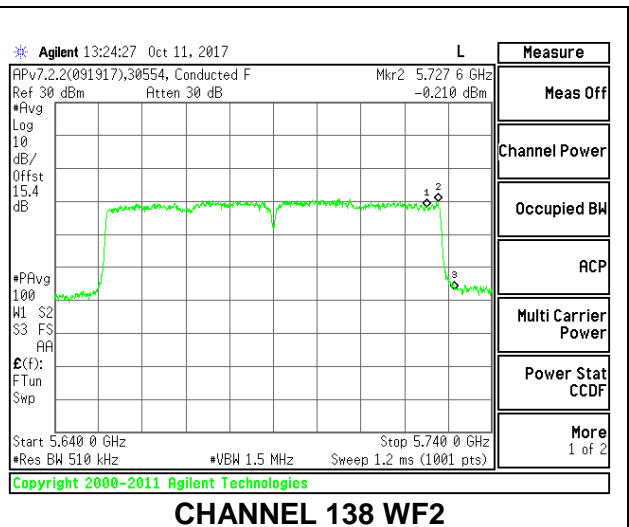
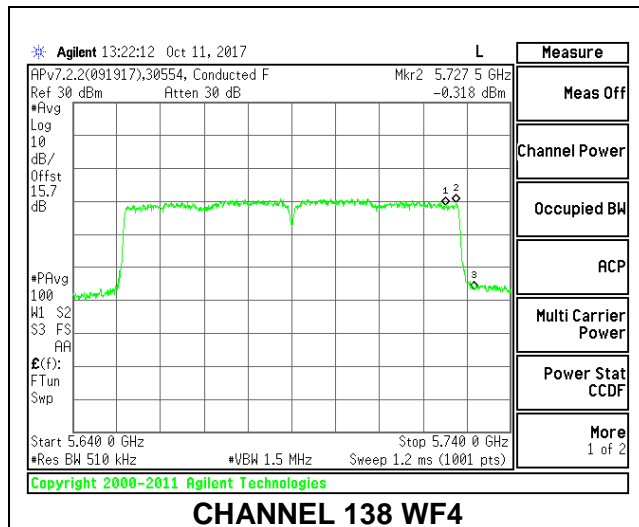
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**2TX Antenna WF4 + Antenna WF2 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	2.18	2.18	30.00	30.00
138	5690	2.18	2.18	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.39	<b>Included in Calculations of Corr'd Power</b>
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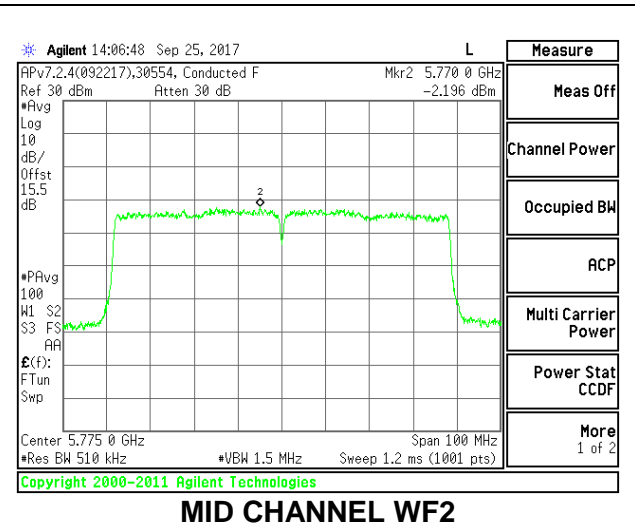
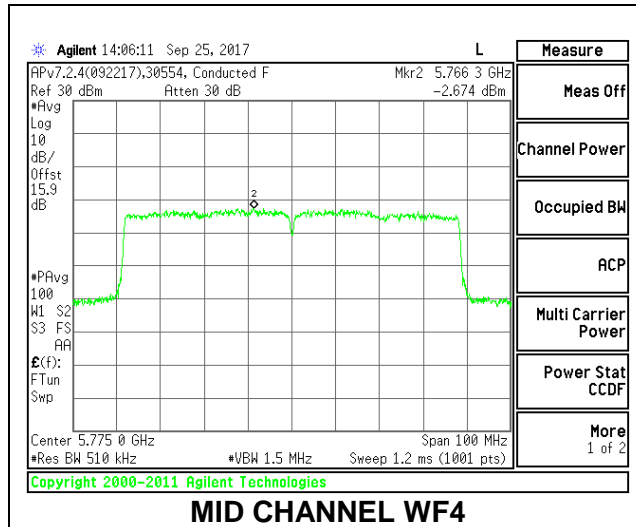
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.89	16.92	19.92	30.00	-10.08
138	5690	6.58	6.22	9.80	30.00	-20.20

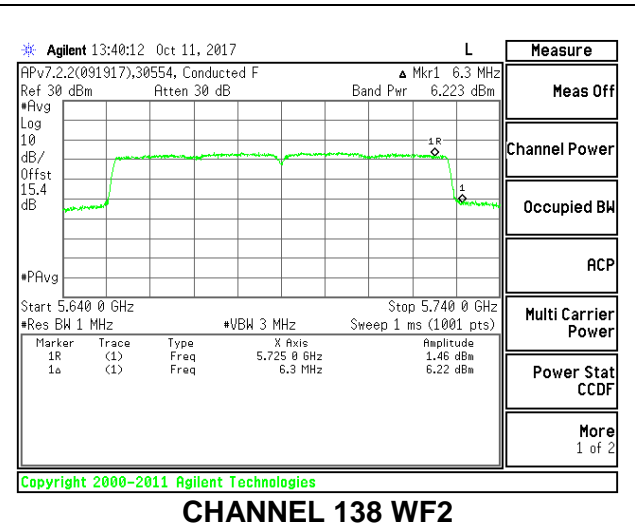
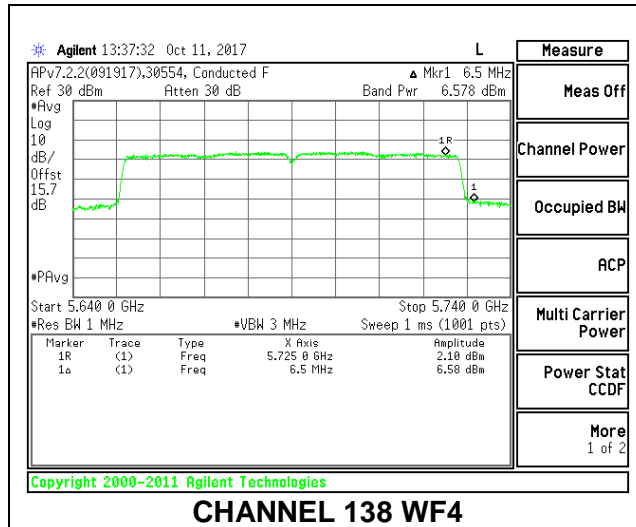
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.67	-2.20	0.972	30.00	-29.03
138	5690	-0.22	-0.41	3.086	30.00	-26.91

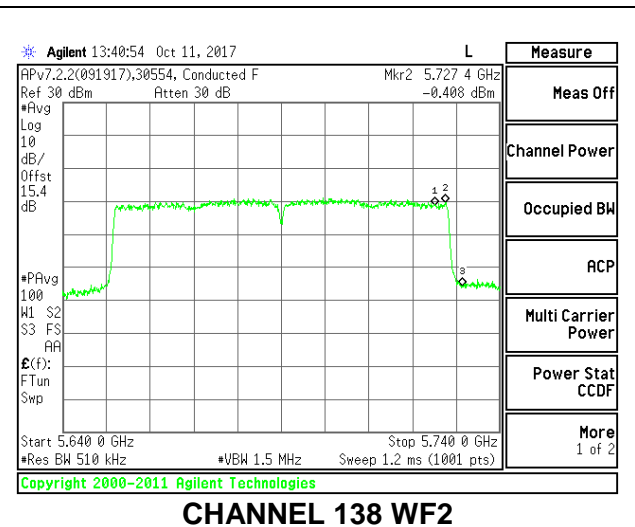
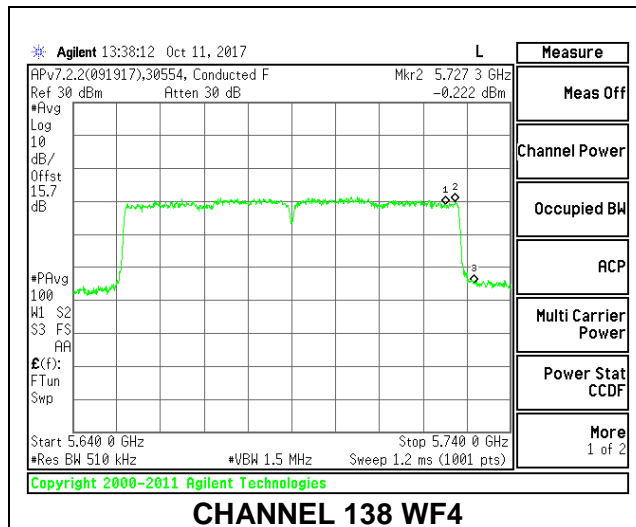
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**2TX Antenna WF4 + Antenna WF2 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	5.12	5.12	30.00	30.00
138	5690	5.12	5.12	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd Power</b>
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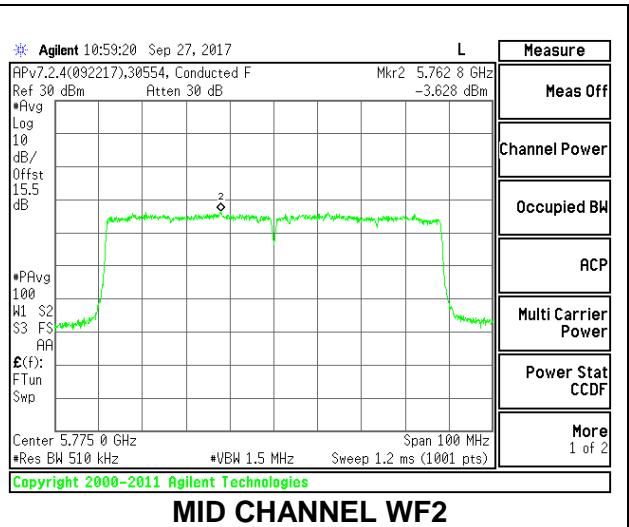
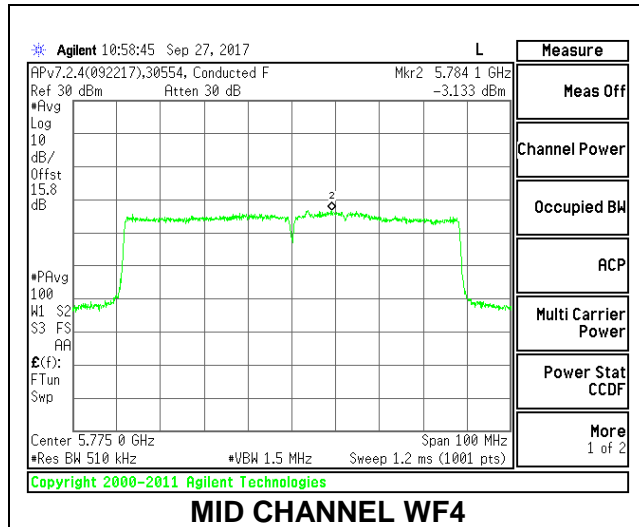
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	15.92	15.88	18.91	30.00	-11.09
138	5690	6.64	5.59	9.44	30.00	-20.56

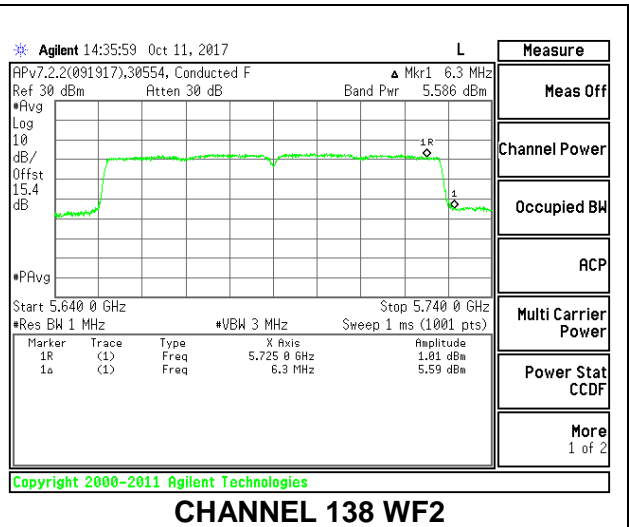
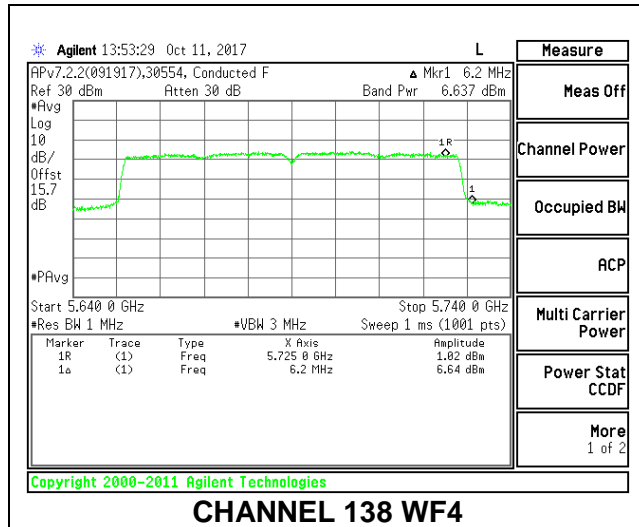
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-3.13	-3.63	-0.073	30.00	-30.07
138	5690	0.37	-0.87	3.098	30.00	-26.90

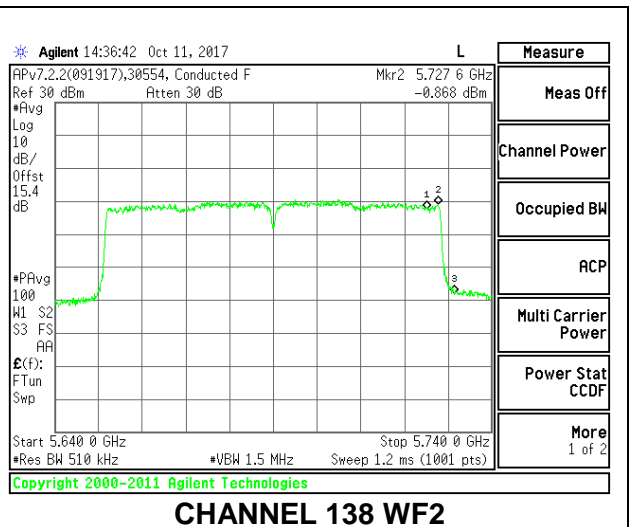
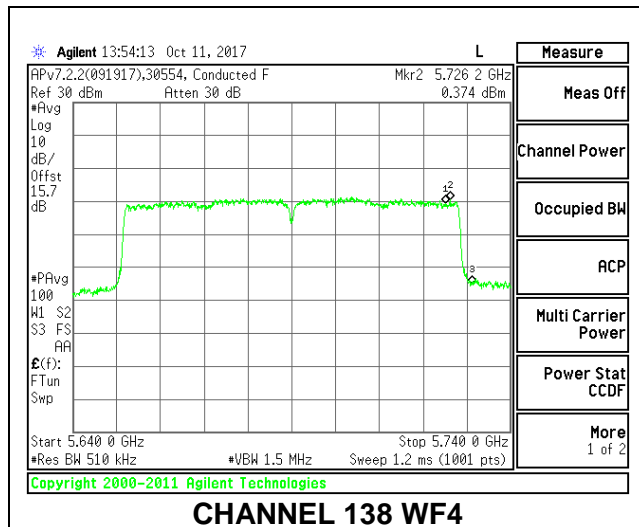
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**2TX Antenna WF3 + Antenna WF2 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	2.33	5.30	30.00	30.00
138	5690	2.33	5.30	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.33	<b>Included in Calculations of Corr'd Power</b>
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**Output Power Results**

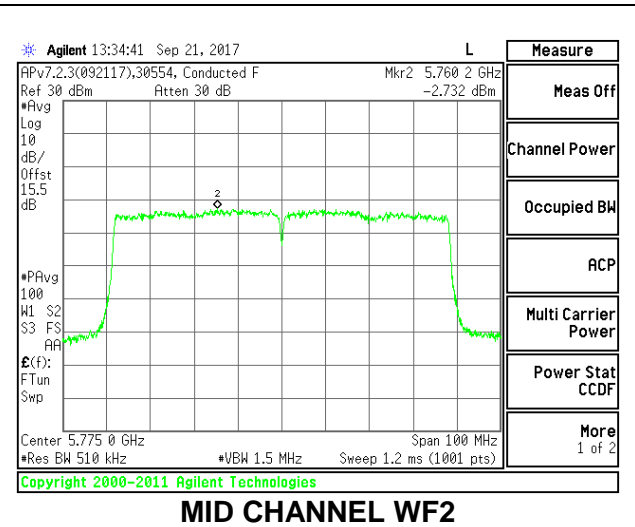
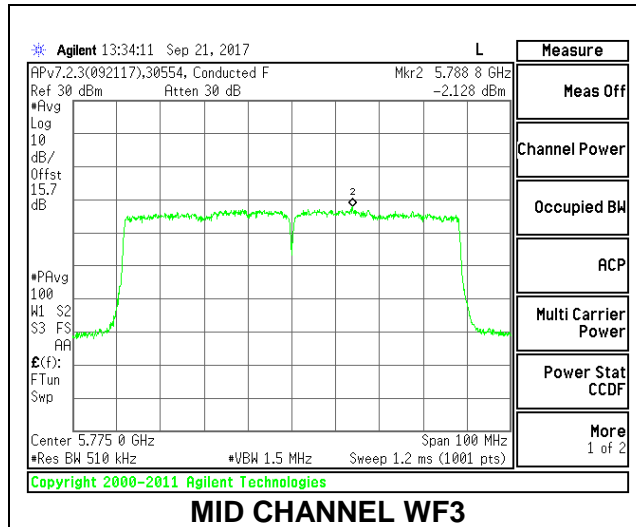
Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.89	16.86	19.89	30.00	-10.11
138	5690	6.32	6.08	9.54	30.00	-20.46

**PSD Results**

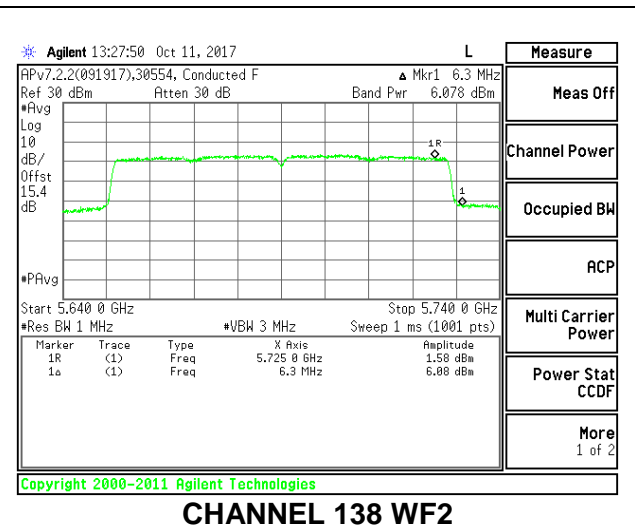
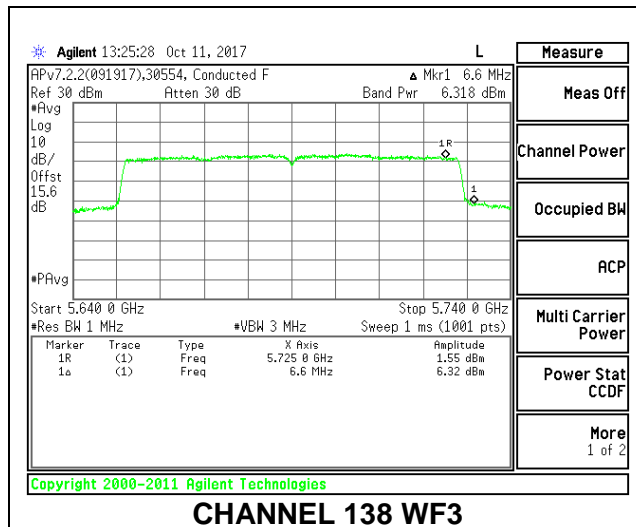
Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.13	-2.73	0.921	30.00	-29.08
138	5690	-0.12	-0.43	3.069	30.00	-26.93



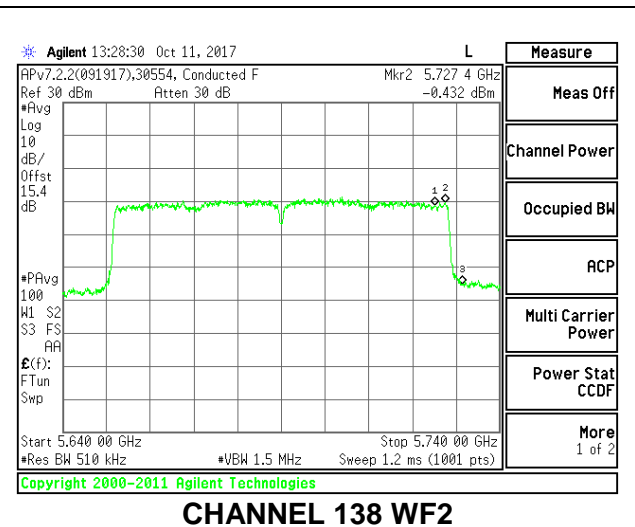
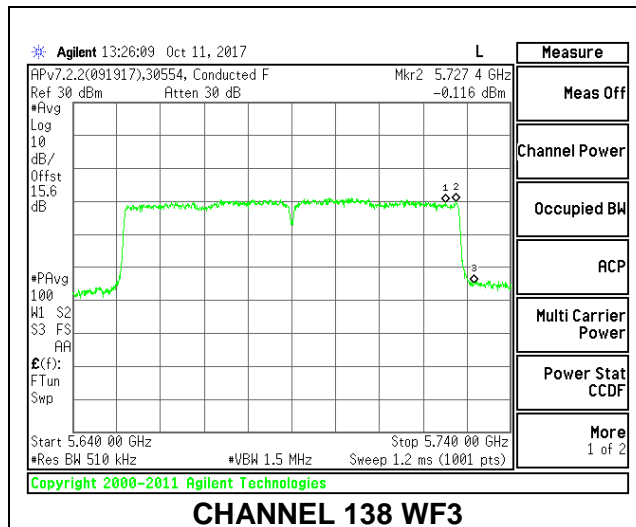
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**2TX Antenna WF3 + Antenna WF2 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	2.33	2.33	30.00	30.00
138	5690	2.33	2.33	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.39	<b>Included in Calculations of Corr'd Power</b>
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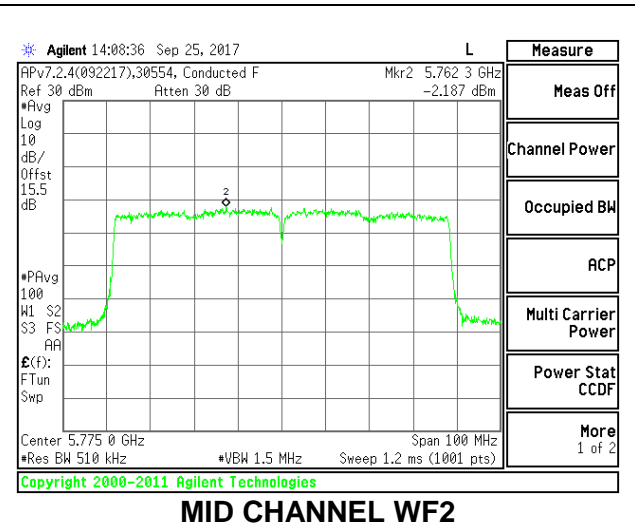
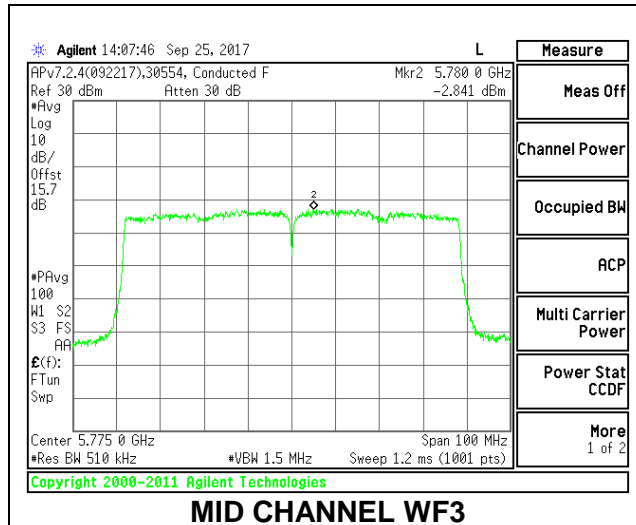
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.80	16.92	19.87	30.00	-10.13
138	5690	6.57	6.29	9.83	30.00	-20.17

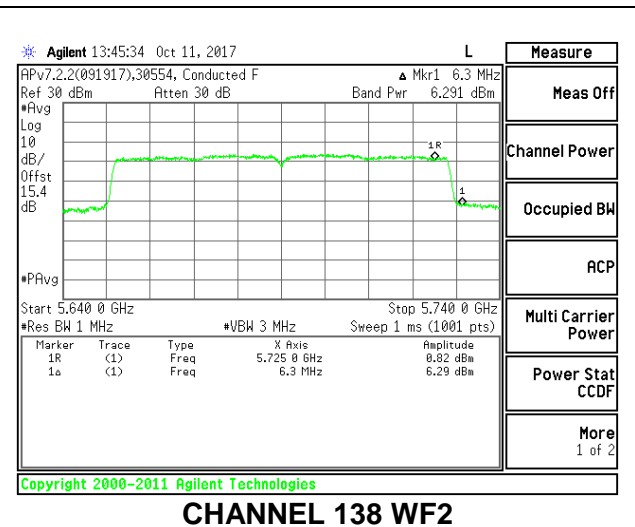
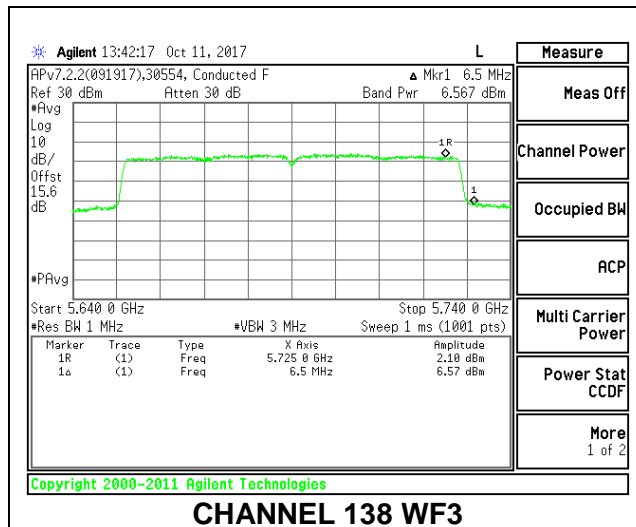
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-2.84	-2.19	0.897	30.00	-29.10
138	5690	-0.09	-0.69	3.020	30.00	-26.98

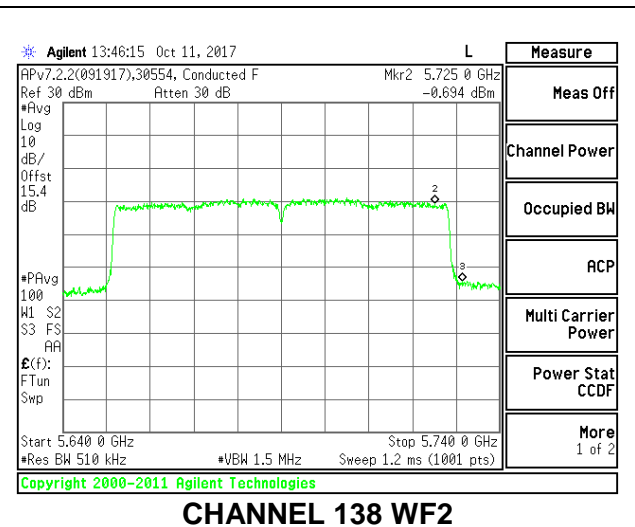
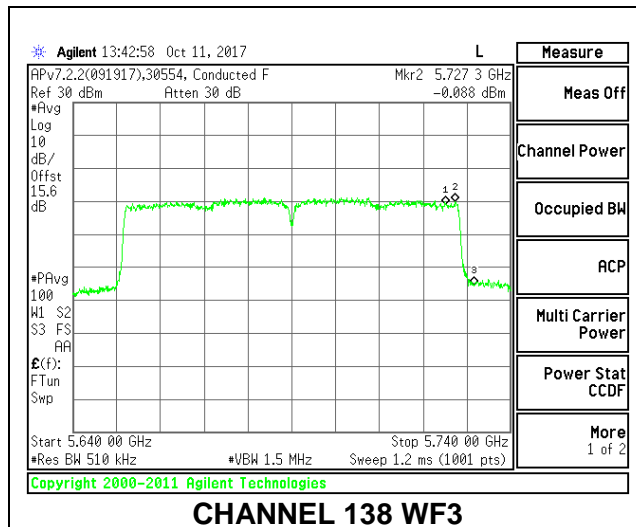
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**2TX Antenna WF3 + Antenna WF2 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	5.30	5.30	30.00	30.00
138	5690	5.30	5.30	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd Power</b>
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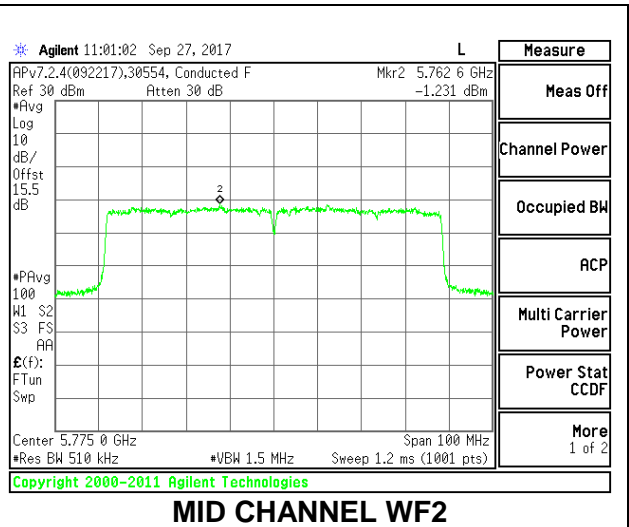
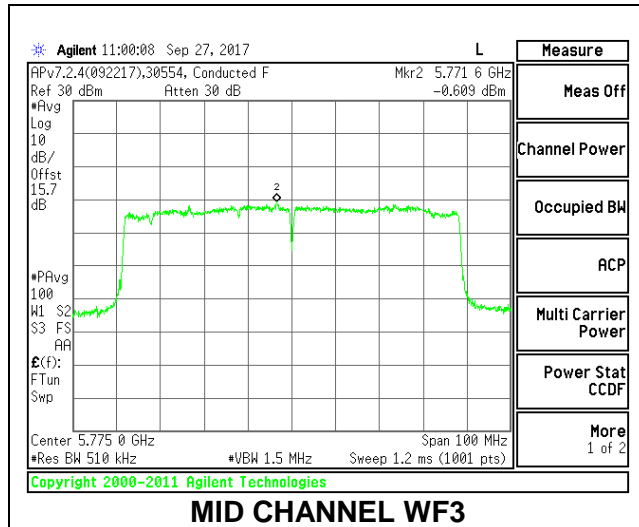
**Output Power Results**

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	15.86	15.79	18.84	30.00	-11.16
138	5690	6.42	6.24	9.63	30.00	-20.37

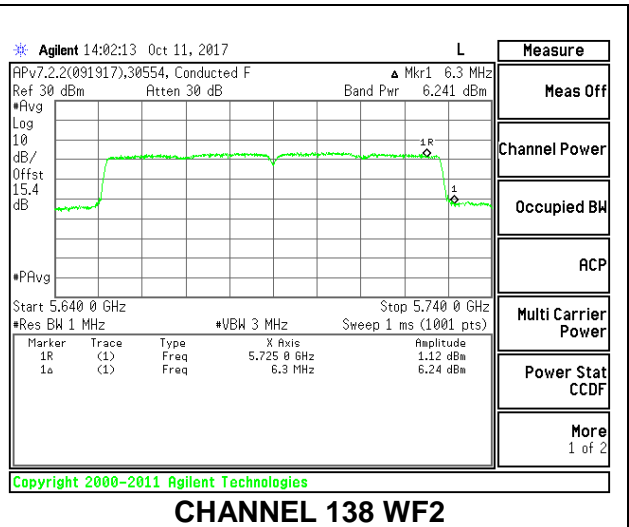
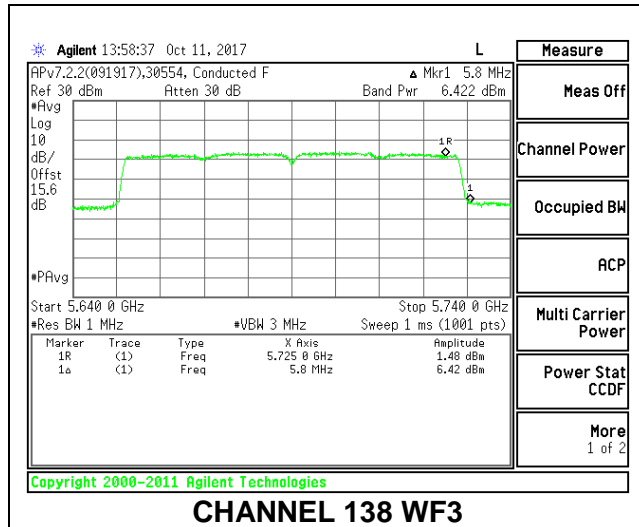
**PSD Results**

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-0.69	-1.23	2.349	30.00	-27.65
138	5690	-0.77	-0.49	2.674	30.00	-27.33

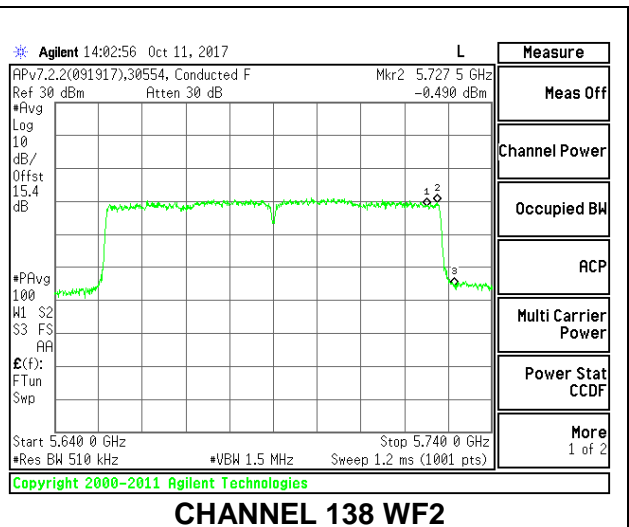
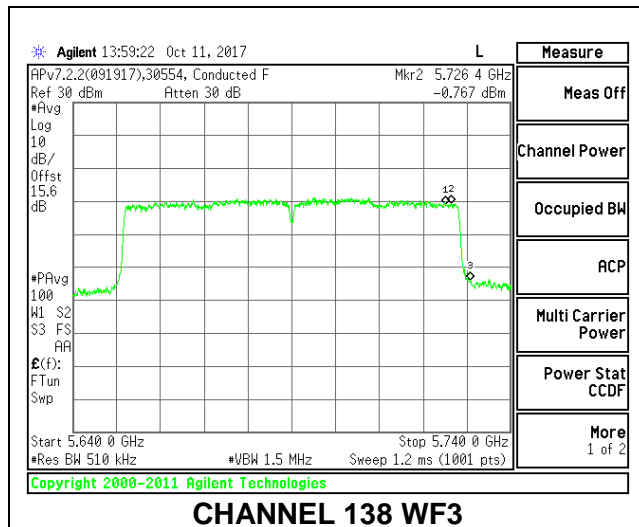
**MID CHANNEL**



**CHANNEL 138 OUTPUT POWER**



**CHANNEL 138 PSD**



**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	1.93	6.65	30.00	29.35
138	5690	1.93	6.65	30.00	29.35

<b>Duty Cycle CF (dB)</b>	0.46	<b>Included in Calculations of Corr'd Power</b>
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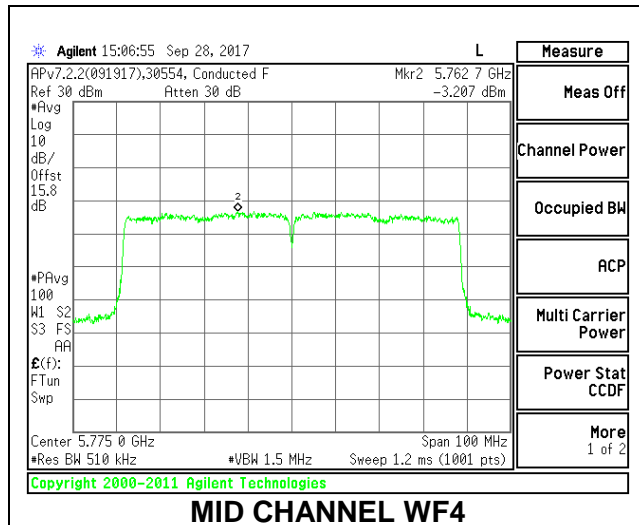
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.43	16.47	16.41	21.21	30.00	-8.79
138	5690	4.54	5.03	4.45	9.91	30.00	-20.09

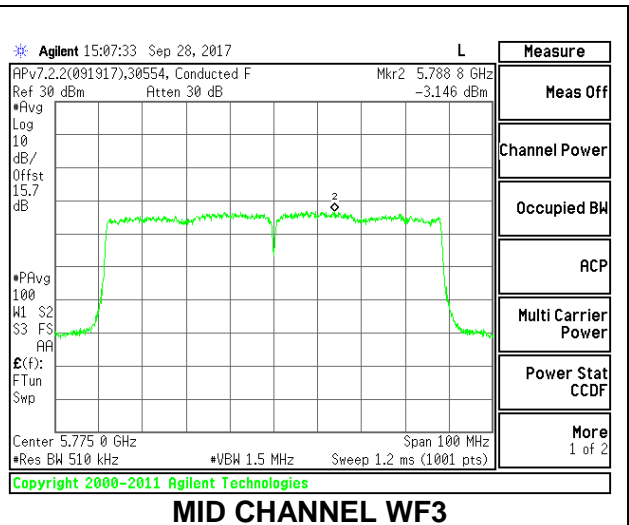
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-3.21	-3.15	-3.23	2.035	29.35	-27.32
138	5690	-2.46	-2.18	-1.77	3.104	29.35	-26.25

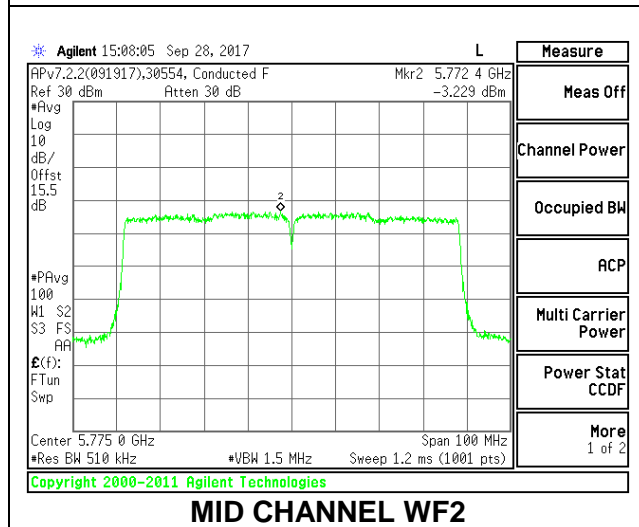
### MID CHANNEL



**MID CHANNEL WF4**

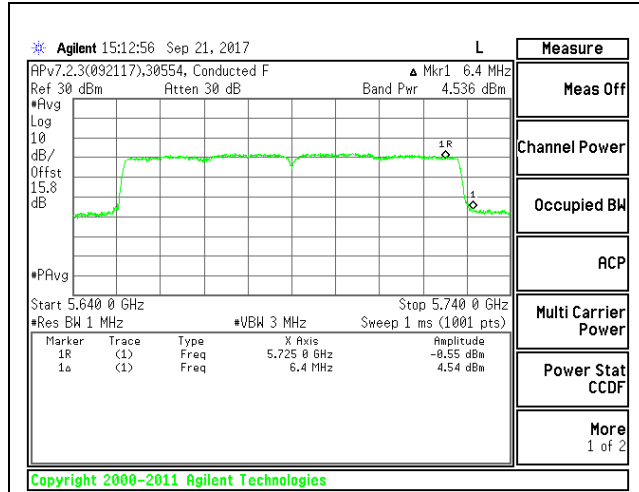


**MID CHANNEL WF3**

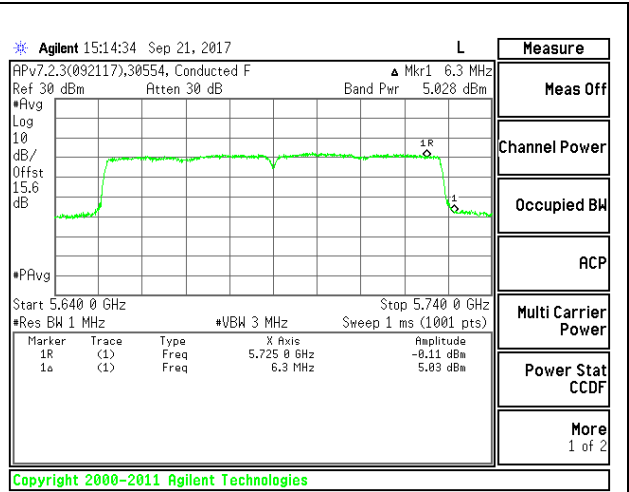


**MID CHANNEL WF2**

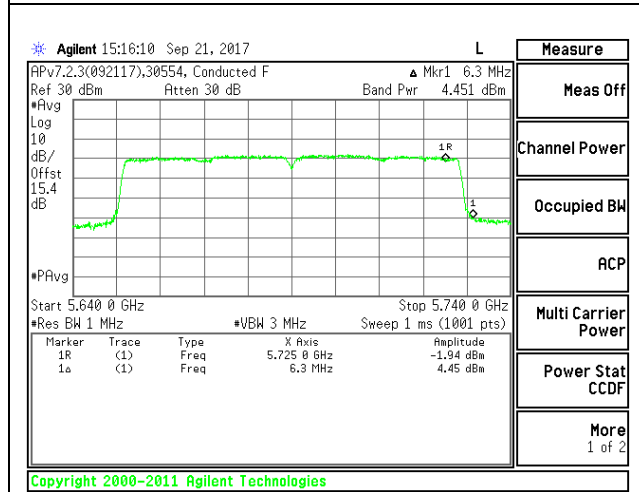
### CHANNEL 138 OUTPUT POWER



**CHANNEL 138 WF4**



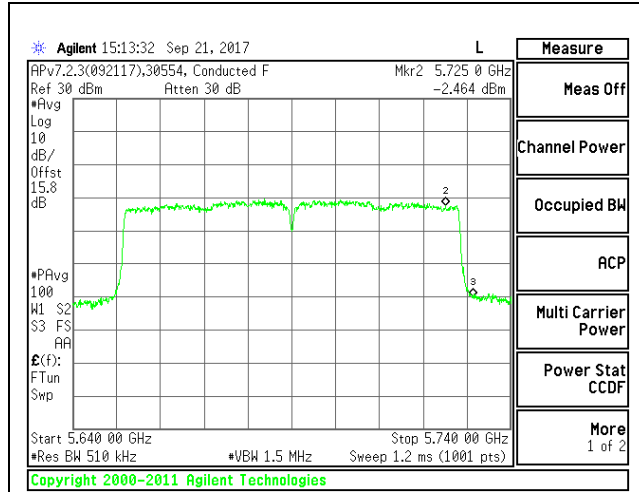
**CHANNEL 138 WF3**



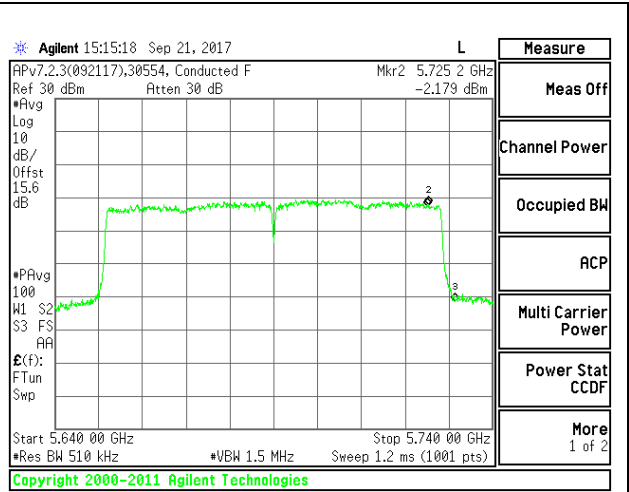
**CHANNEL 138 WF2**



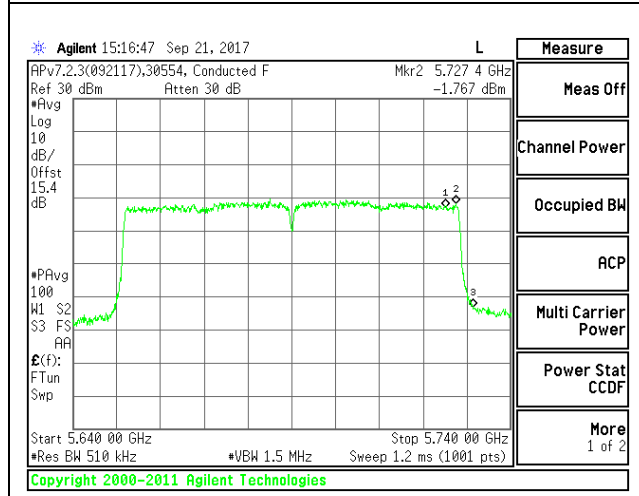
### CHANNEL 138 PSD



**CHANNEL 138 WF4**



**CHANNEL 138 WF3**



**CHANNEL 138 WF2**

**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	1.93	1.93	30.00	30.00
138	5690	1.93	1.93	30.00	30.00

<b>Duty Cycle CF (dB)</b>	0.47	<b>Included in Calculations of Corr'd Power</b>
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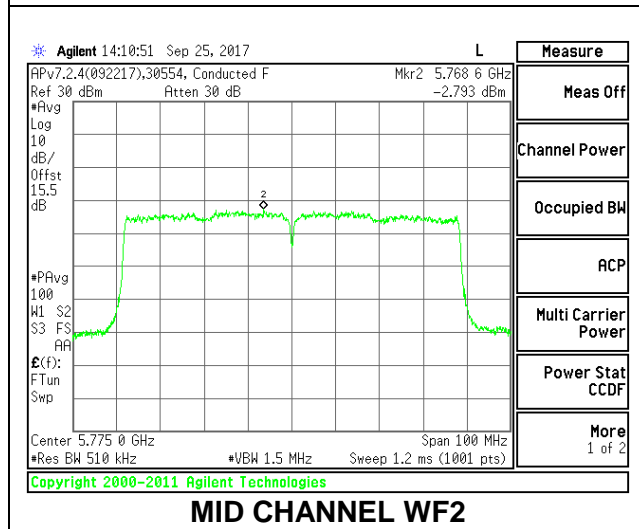
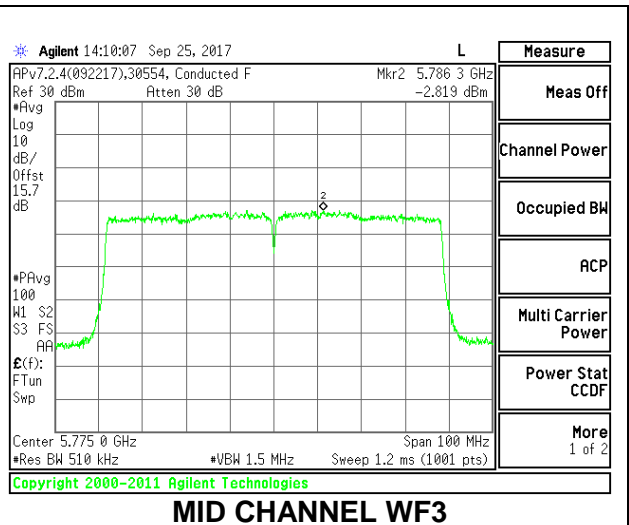
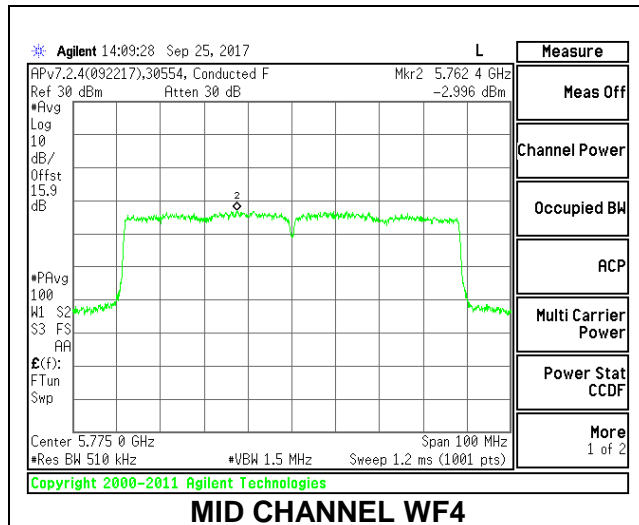
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	16.42	16.39	16.47	21.20	30.00	-8.80
138	5690	5.15	4.98	4.77	10.21	30.00	-19.79

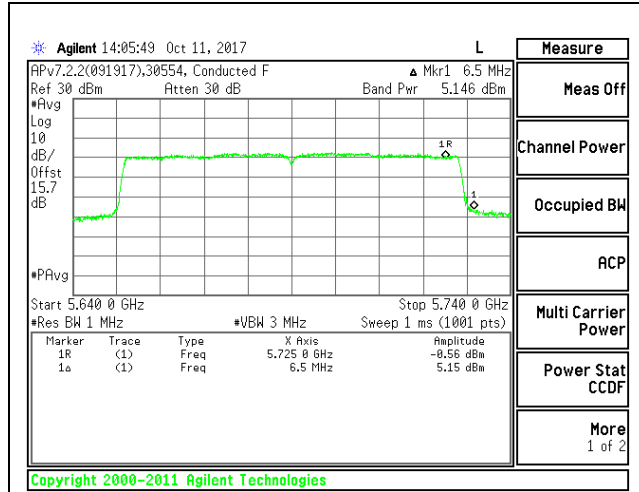
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-3.00	-2.82	-2.79	2.372	30.00	-27.63
138	5690	-1.52	-1.95	-2.12	3.390	30.00	-26.61

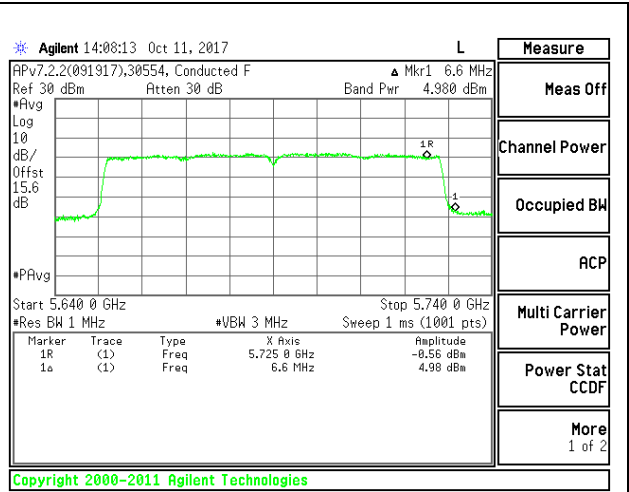
### MID CHANNEL



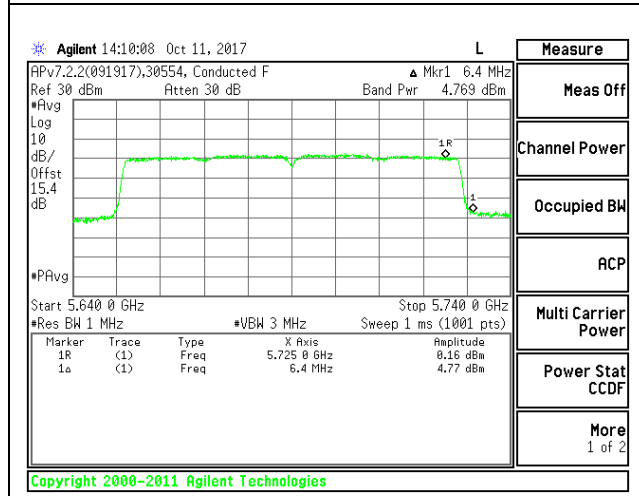
### CHANNEL 138 OUTPUT POWER



**CHANNEL 138 WF4**

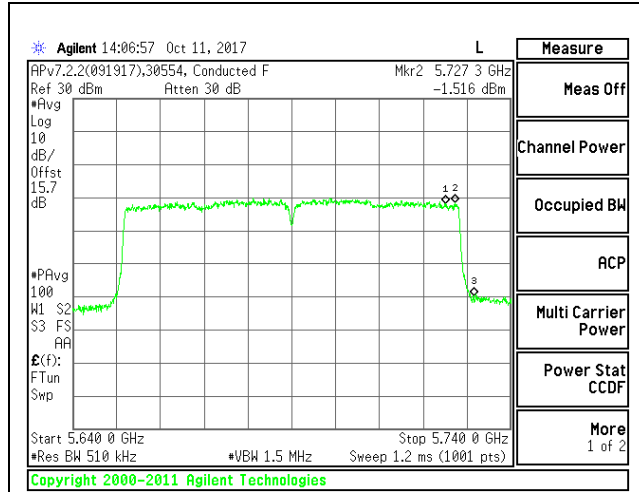


**CHANNEL 138 WF3**

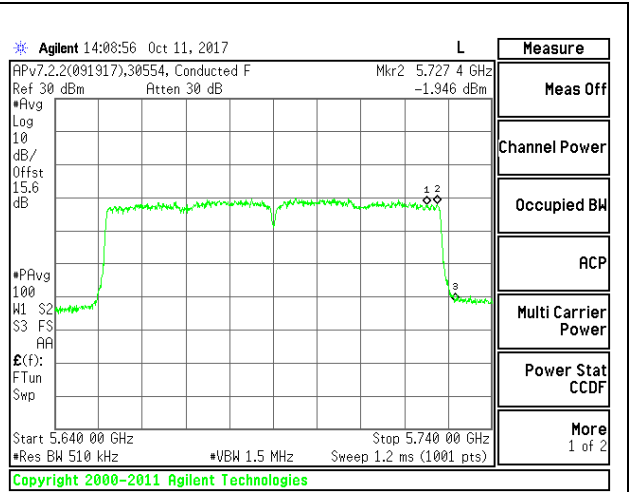


**CHANNEL 138 WF2**

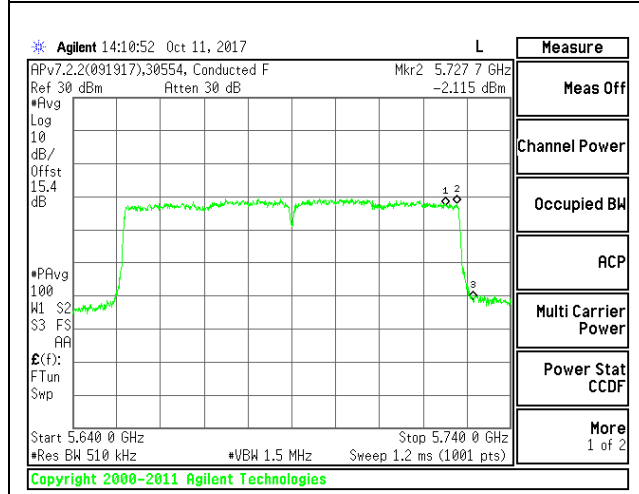
### CHANNEL 138 OUTPUT PSD



**CHANNEL 138 WF4**



**CHANNEL 138 WF3**



**CHANNEL 138 WF2**

**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode**

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Mid	5775	6.65	6.65	29.35	29.35
138	5690	6.65	6.65	29.35	29.35

<b>Duty Cycle CF (dB)</b>	0.31	<b>Included in Calculations of Corr'd Power</b>
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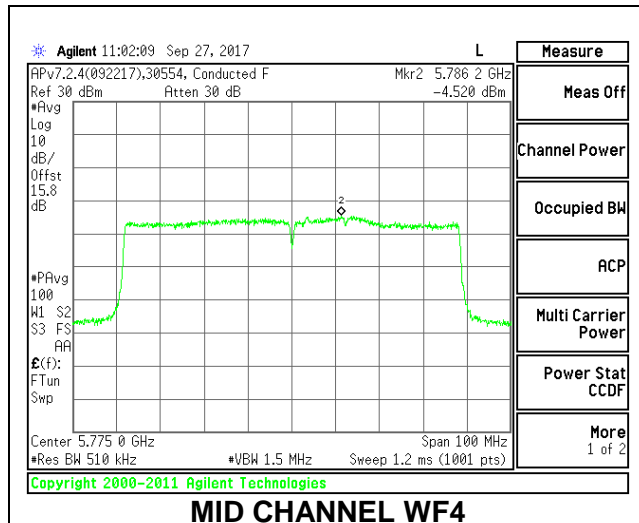
**Output Power Results**

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	14.89	14.91	14.79	19.63	29.35	-9.72
138	5690	3.68	3.78	3.47	8.73	29.35	-20.62

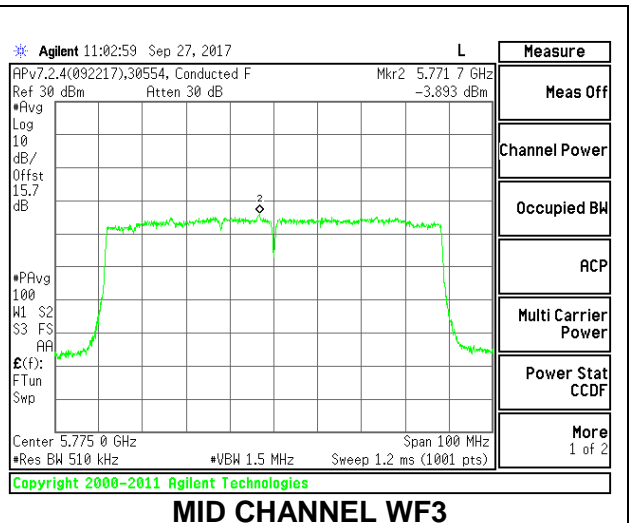
**PSD Results**

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5775	-4.52	-3.89	-4.18	0.892	29.35	-28.46
138	5690	-3.08	-3.11	-3.02	2.013	29.35	-27.34

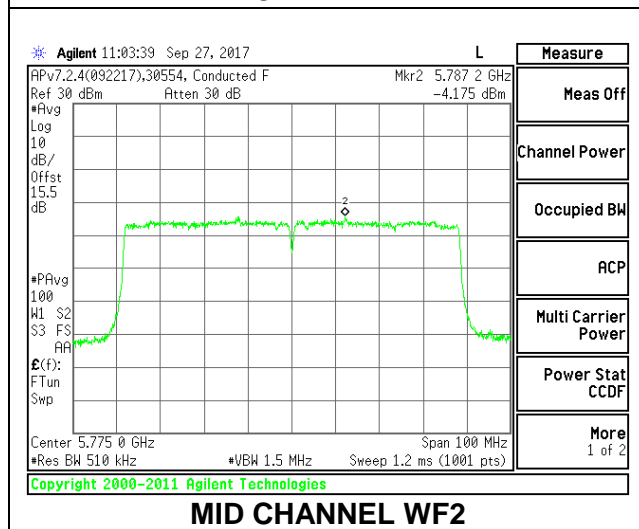
### MID CHANNEL



**MID CHANNEL WF4**

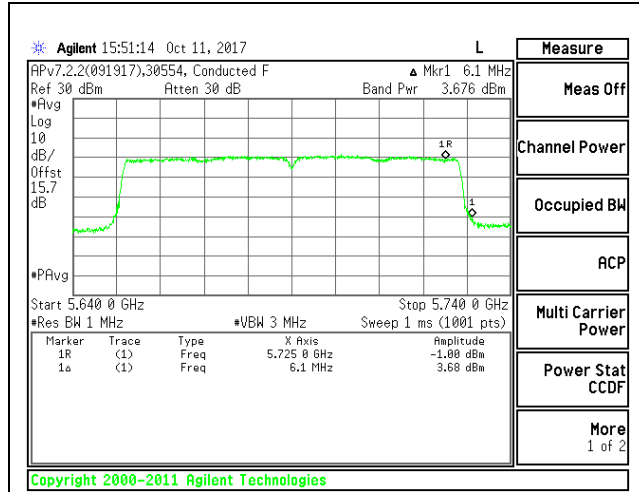


**MID CHANNEL WF3**

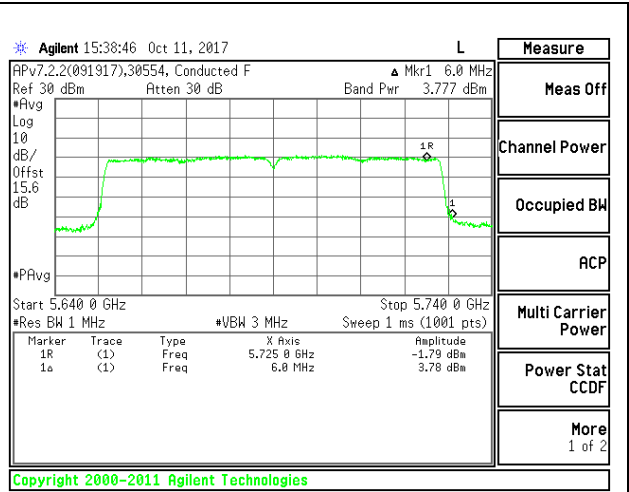


**MID CHANNEL WF2**

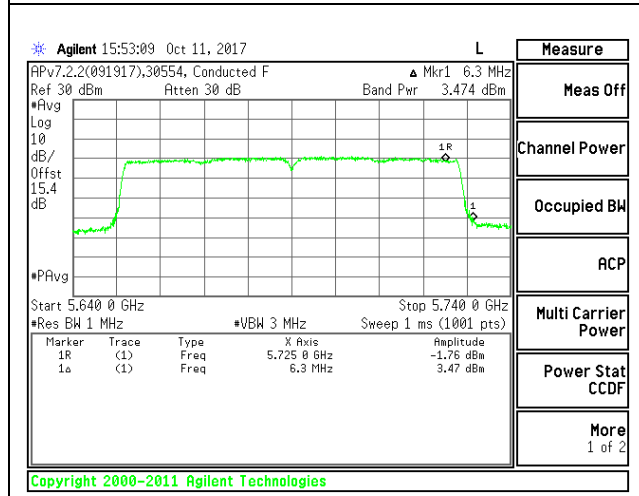
### CHANNEL 138 OUTPUT POWER



**CHANNEL 138 WF4**



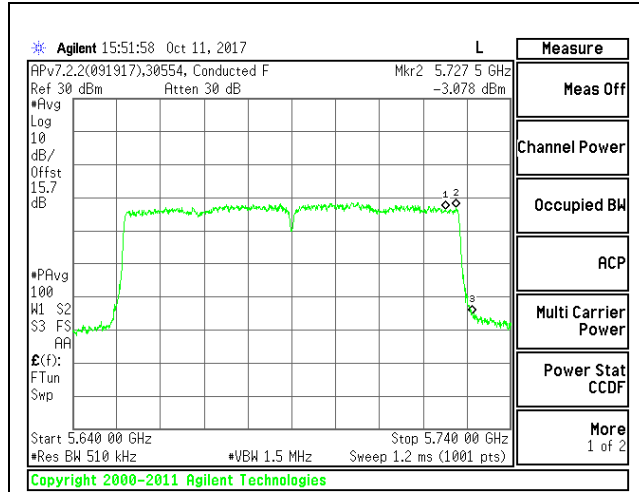
**CHANNEL 138 WF3**



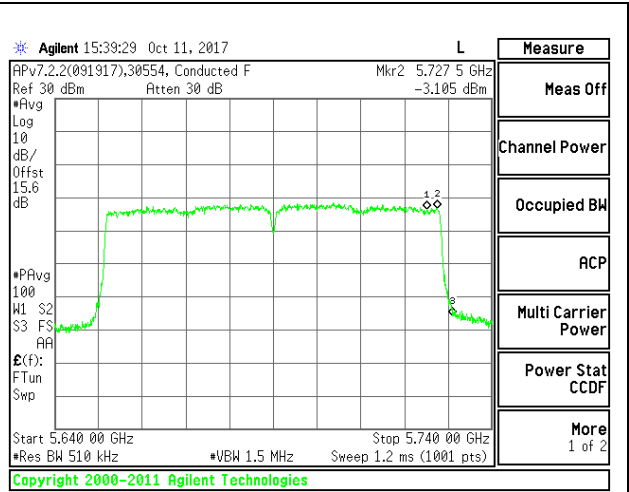
**CHANNEL 138 WF2**



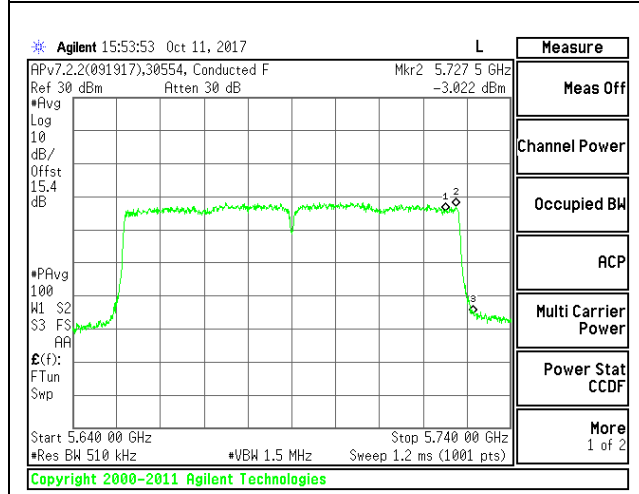
### CHANNEL 138 PSD



**CHANNEL 138 WF4**



**CHANNEL 138 WF3**



**CHANNEL 138 WF2**

## 5. RADIATED TEST RESULTS

### LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

### TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150cm for above 1GHz. The antenna to EUT distance is 3 meters.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

Reference to KDB 789033 UNII part G) 6) d) Method AD:

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and add duty cycle factor to the reading offset for average measurements.

The spectrum from 1GHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

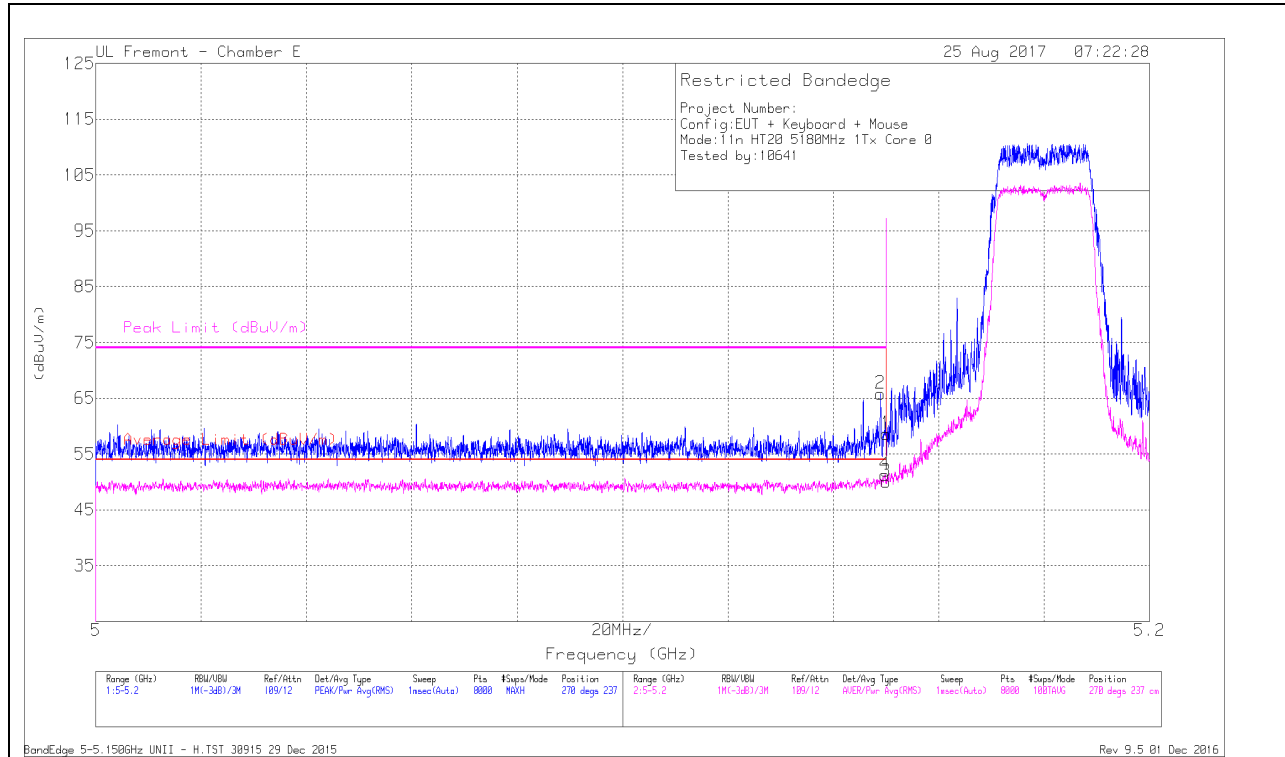
### 5.1. TRANSMITTER ABOVE 1 GHz

#### 5.1.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

##### 1TX Antenna WF4

##### BANDEDGE (LOW CHANNEL)

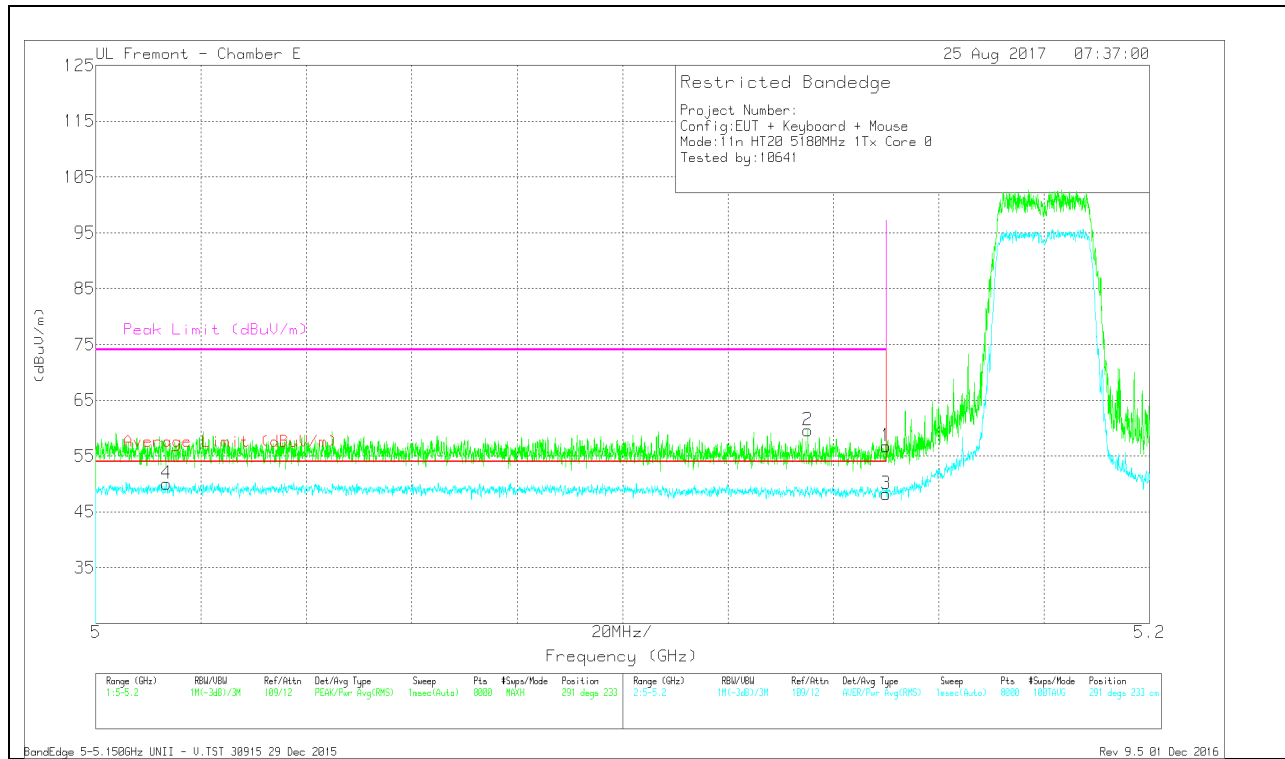
##### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.07	Pk	34.8	-18.3	0	58.57	-	-	74	-15.43	270	237	H
2	* 5.149	49.34	Pk	34.8	-18.3	0	65.84	-	-	74	-8.16	270	237	H
3	* 5.15	33.26	RMS	34.8	-18.3	.23	49.99	54	-4.01	-	-	270	237	H
4	* 5.15	34.6	RMS	34.8	-18.3	.23	51.33	54	-2.67	-	-	270	237	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT



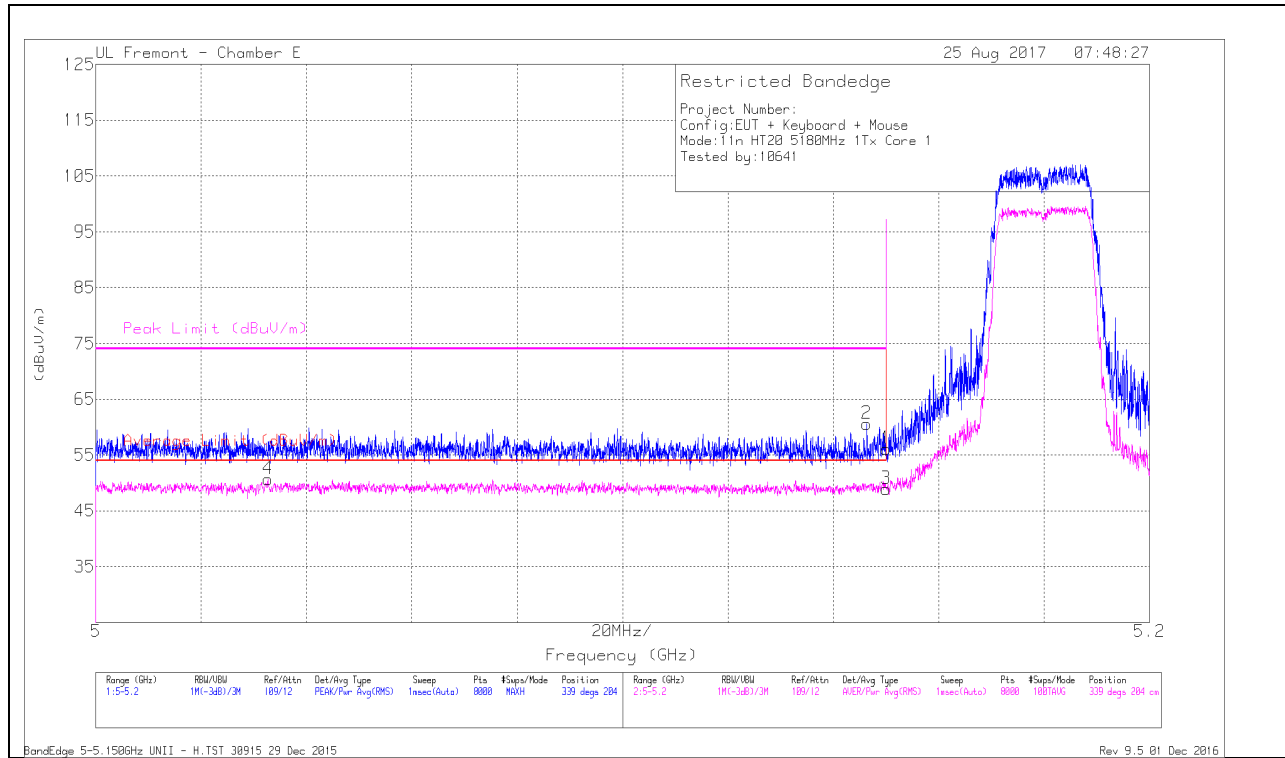
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.27	Pk	34.8	-18.3	0	56.77	-	-	74	-17.23	291	233	V
2	* 5.135	43.26	Pk	34.7	-18.3	0	59.66	-	-	74	-14.34	291	233	V
3	* 5.15	31.69	RMS	34.8	-18.3	.23	48.42	54	-5.58	-	-	291	233	V
4	* 5.013	33.49	RMS	34.5	-17.9	.23	50.32	54	-3.68	-	-	291	233	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**1TX Antenna WF3**

**BANEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



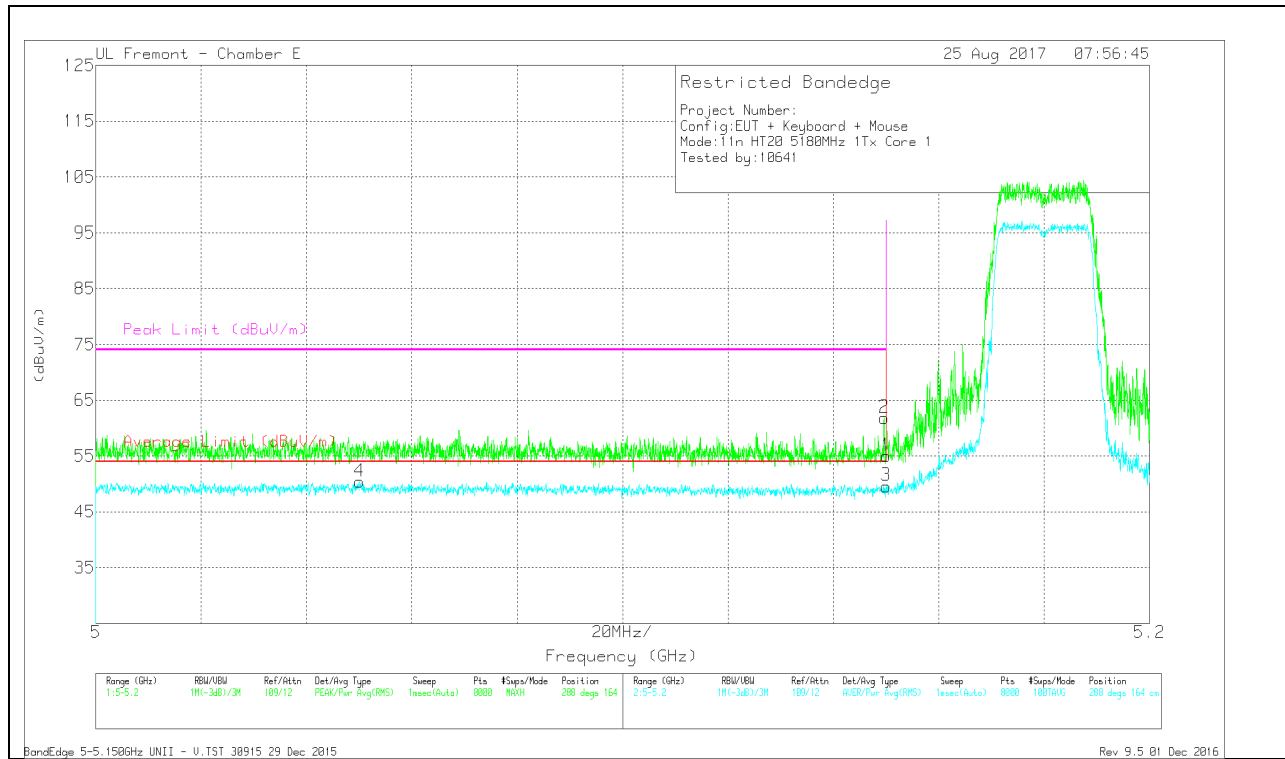
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	39.64	Pk	34.8	-18.3	0	56.14	-	-	74	-17.86	339	204	H
2	* 5.146	44.2	Pk	34.7	-18.3	0	60.6	-	-	74	-13.4	339	204	H
3	* 5.15	32.23	RMS	34.8	-18.3	.23	48.96	54	-5.04	-	-	339	204	H
4	* 5.033	33.83	RMS	34.6	-18	.23	50.66	54	-3.34	-	-	339	204	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



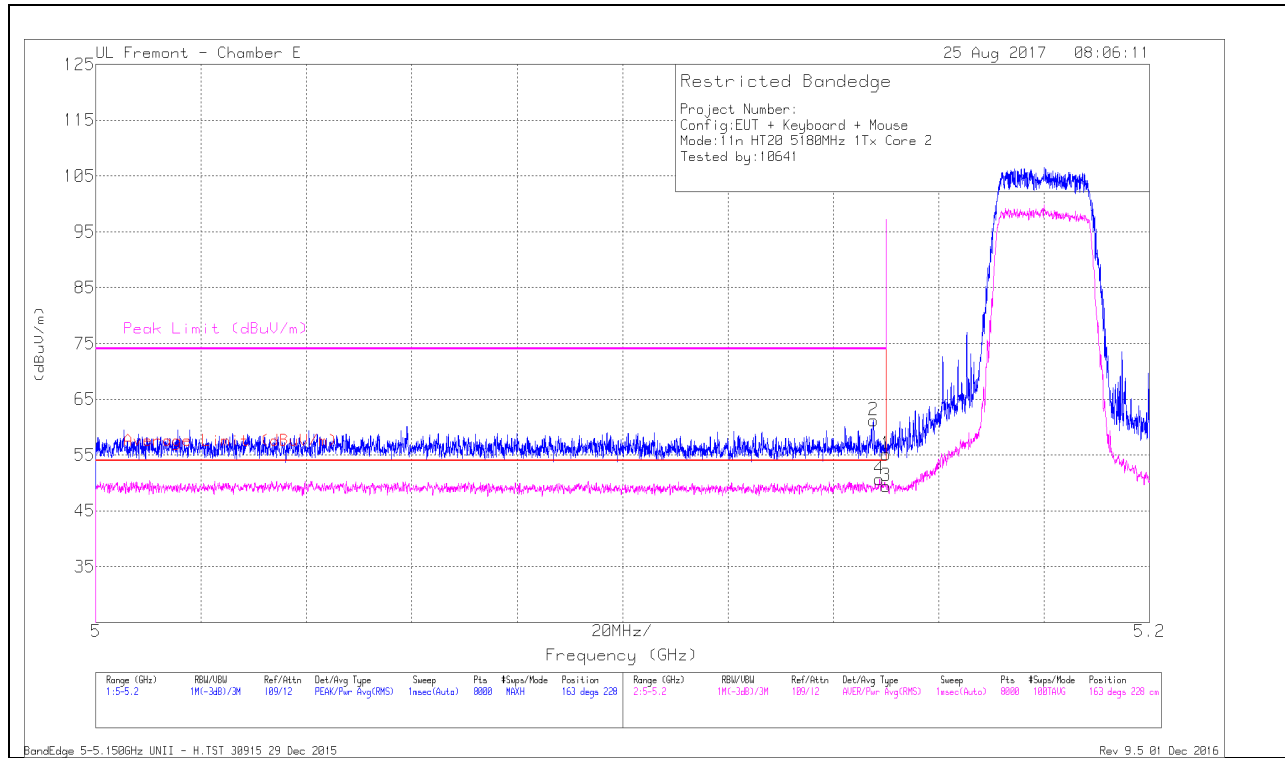
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.48	Pk	34.8	-18.3	0	54.98	-	-	74	-19.02	288	164	V
2	* 5.15	45.3	Pk	34.8	-18.3	0	61.8	-	-	74	-12.2	288	164	V
3	* 5.15	32.88	RMS	34.8	-18.3	.23	49.61	54	-4.39	-	-	288	164	V
4	* 5.05	33.6	RMS	34.6	-18	.23	50.43	54	-3.57	-	-	288	164	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**1TX Antenna WF2**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



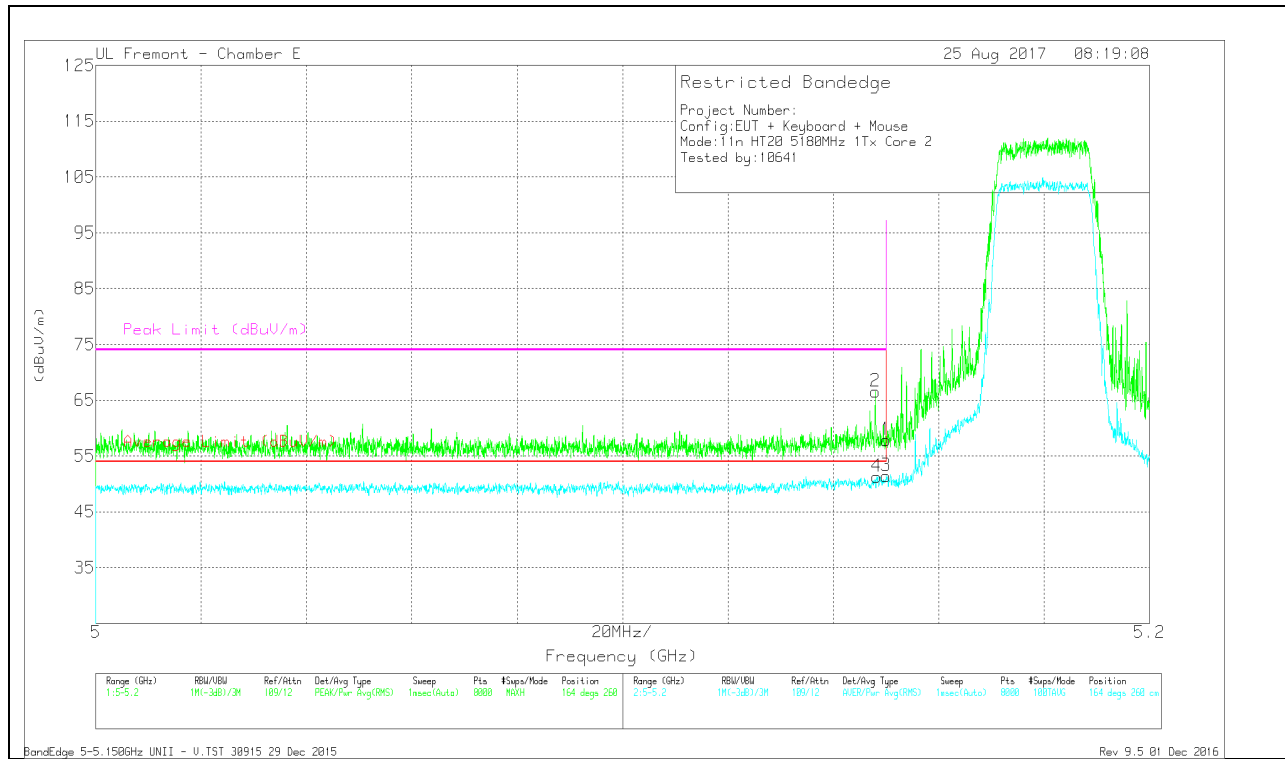
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.67	Pk	34.8	-18.3	0	55.17	-	-	74	-18.83	163	228	H
2	* 5.148	44.77	Pk	34.8	-18.3	0	61.27	-	-	74	-12.73	163	228	H
3	* 5.15	32.7	RMS	34.8	-18.3	.23	49.43	54	-4.57	-	-	163	228	H
4	* 5.149	33.96	RMS	34.8	-18.3	.23	50.69	54	-3.31	-	-	163	228	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.38	Pk	34.8	-18.3	0	57.88	-	-	74	-16.12	164	260	V
2	* 5.148	50.05	Pk	34.8	-18.3	0	66.55	-	-	74	-7.45	164	260	V
3	* 5.15	34.69	RMS	34.8	-18.3	.23	51.42	54	-2.58	-	-	164	260	V
4	* 5.148	34.61	RMS	34.8	-18.3	.23	51.34	54	-2.66	-	-	164	260	V

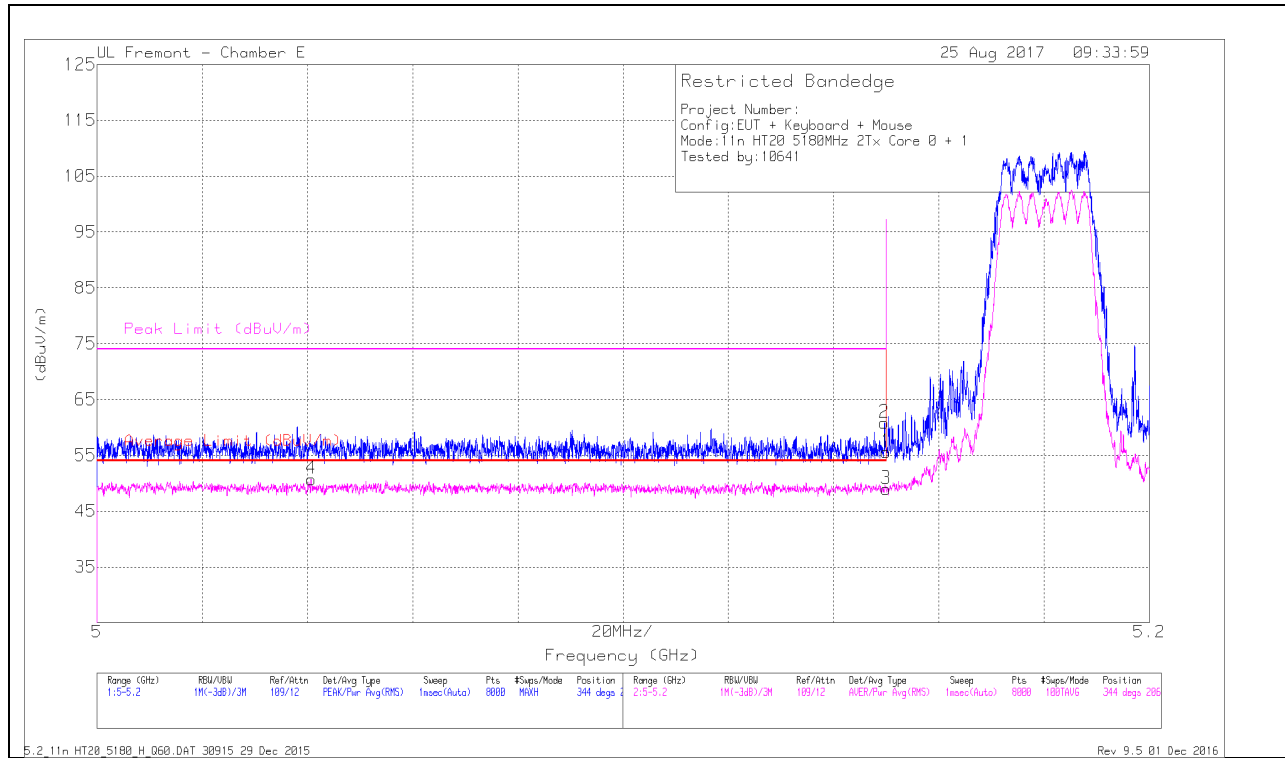
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



**2TX Antenna WF4 + Antenna WF3 CDD Mode**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



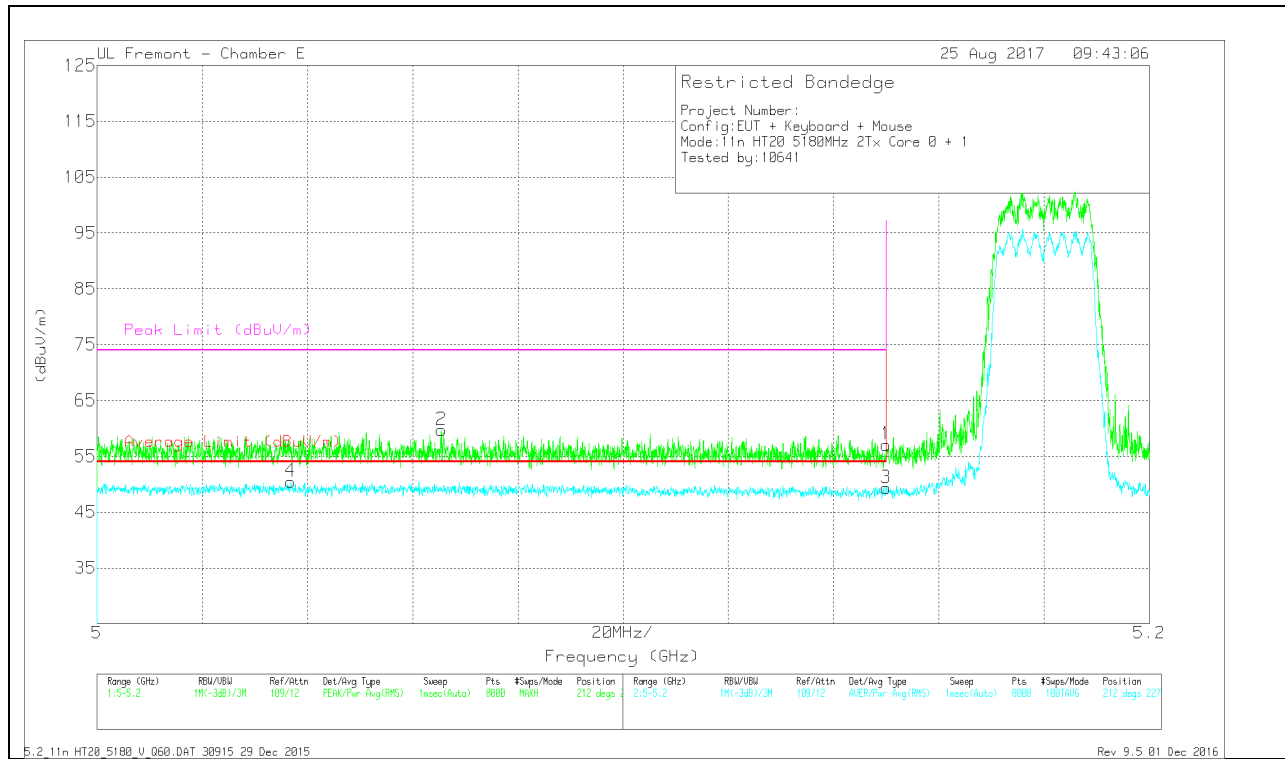
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	39.13	Pk	34.8	-18.3	0	55.63	-	-	74	-18.37	344	206	H
2	* 5.15	44.35	Pk	34.8	-18.3	0	60.85	-	-	74	-13.15	344	206	H
3	* 5.15	32.27	RMS	34.8	-18.3	.23	49	54	-5	-	-	344	206	H
4	* 5.041	33.92	RMS	34.6	-18	.23	50.75	54	-3.25	-	-	344	206	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



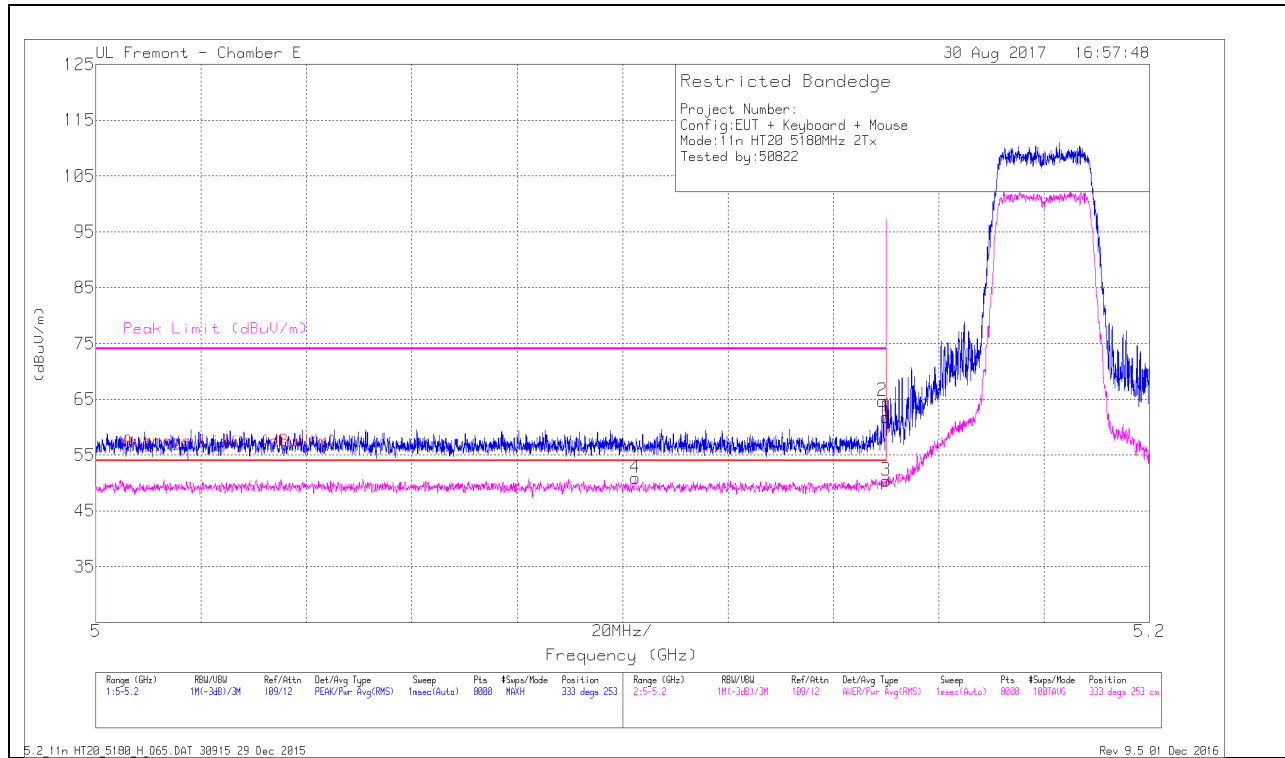
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.6	Pk	34.8	-18.3	0	57.1	-	-	74	-16.9	212	227	V
2	* 5.065	43.24	Pk	34.6	-18.1	0	59.74	-	-	74	-14.26	212	227	V
3	* 5.15	32.6	RMS	34.8	-18.3	.23	49.33	54	-4.67	-	-	212	227	V
4	* 5.037	33.67	RMS	34.6	-18	.23	50.5	54	-3.5	-	-	212	227	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**2TX Antenna WF4 + Antenna WF3 SDM Mode**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



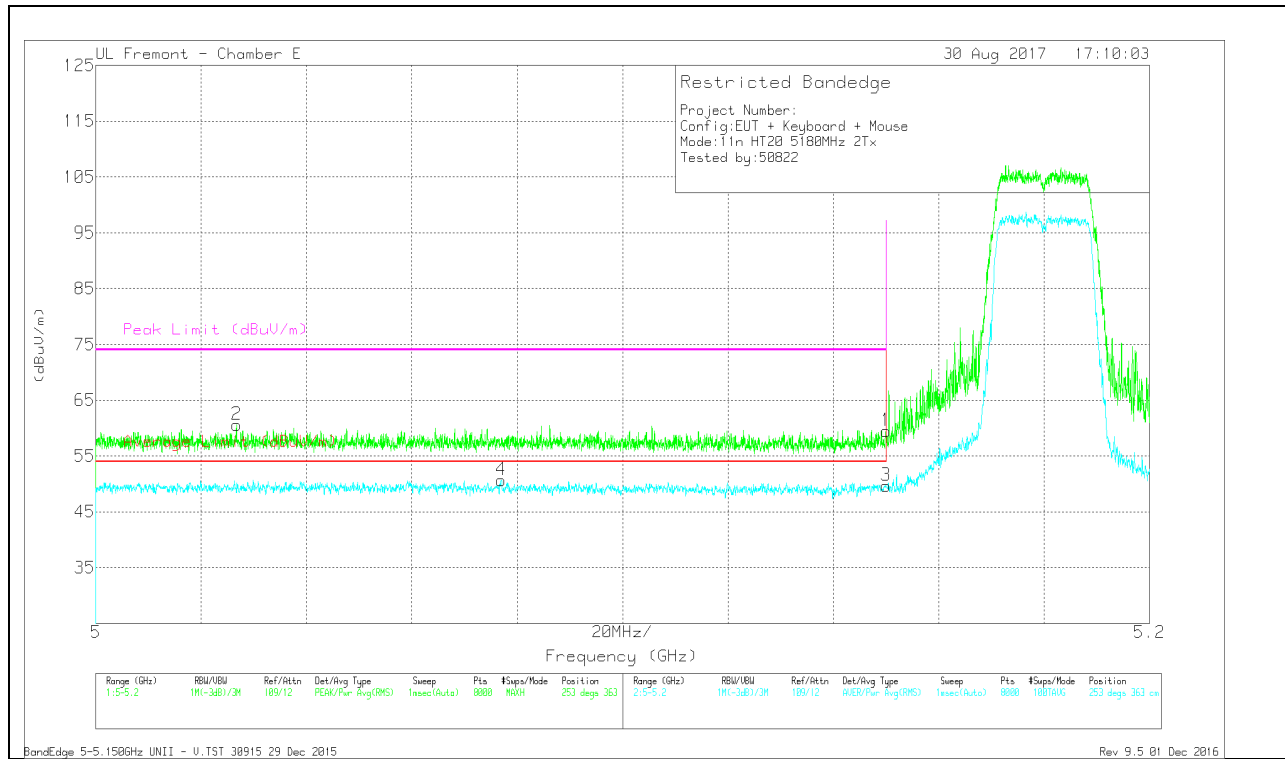
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.102	34.13	RMS	34.7	-18.2	.23	50.86	54	-3.14	-	-	333	253	H
2	* 5.149	48.2	Pk	34.8	-18.3	0	64.7	-	-	74	-9.3	333	253	H
1	* 5.15	45.34	Pk	34.8	-18.3	0	61.84	-	-	74	-12.16	333	253	H
3	* 5.15	33.64	RMS	34.8	-18.3	.23	50.37	54	-3.63	-	-	333	253	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



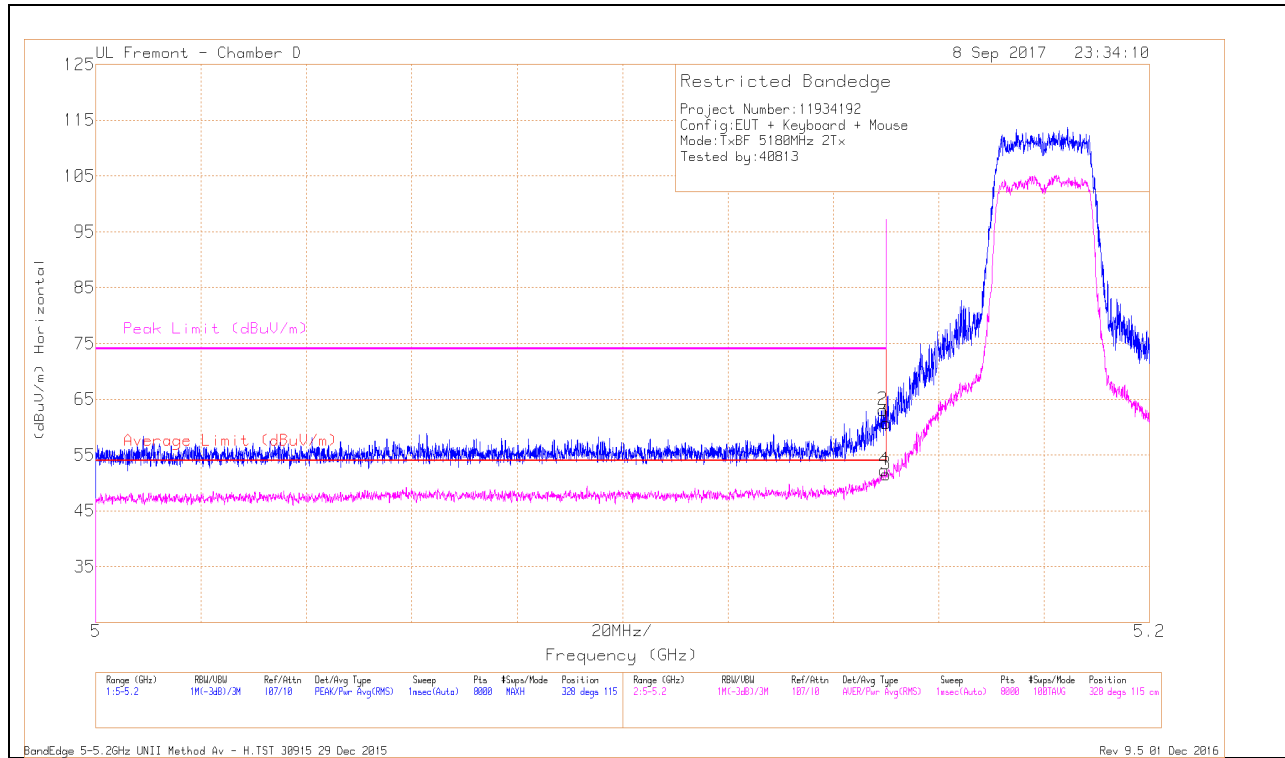
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.027	44	Pk	34.6	-18	0	60.6	-	-	74	-13.4	253	363	V
4	* 5.077	33.96	RMS	34.6	-18.1	.23	50.69	54	-3.31	-	-	253	363	V
1	* 5.15	42.99	Pk	34.8	-18.3	0	59.49	-	-	74	-14.51	253	363	V
3	* 5.15	32.91	RMS	34.8	-18.3	.23	49.64	54	-4.36	-	-	253	363	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**2TX Antenna WF4 + Antenna WF3 BF Mode**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



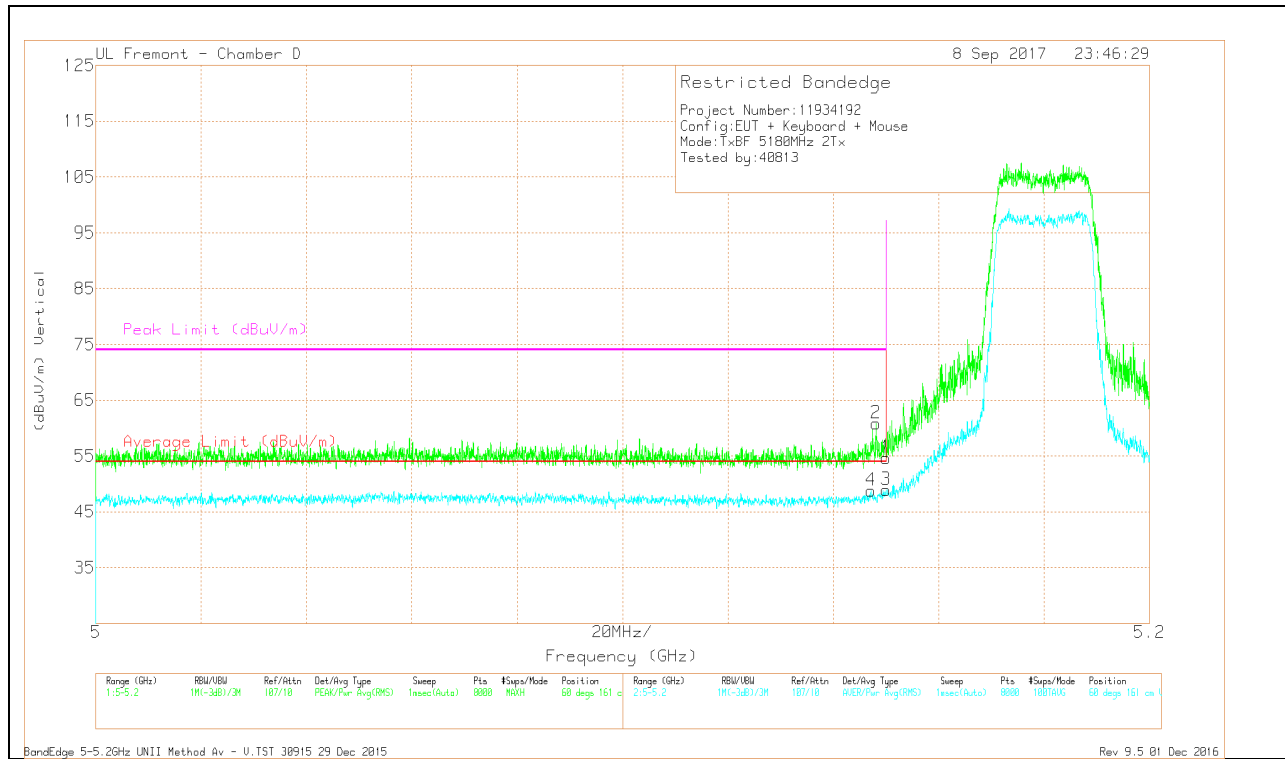
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.98	Pk	34.1	-18.4	0	60.68	-	-	74	-13.32	328	115	H
2	* 5.149	47.43	Pk	34.1	-18.4	0	63.13	-	-	74	-10.87	328	115	H
3	* 5.15	35.54	RMS	34.1	-18.4	.12	51.36	54	-2.64	-	-	328	115	H
4	* 5.15	36.33	RMS	34.1	-18.4	.12	52.15	54	-1.85	-	-	328	115	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



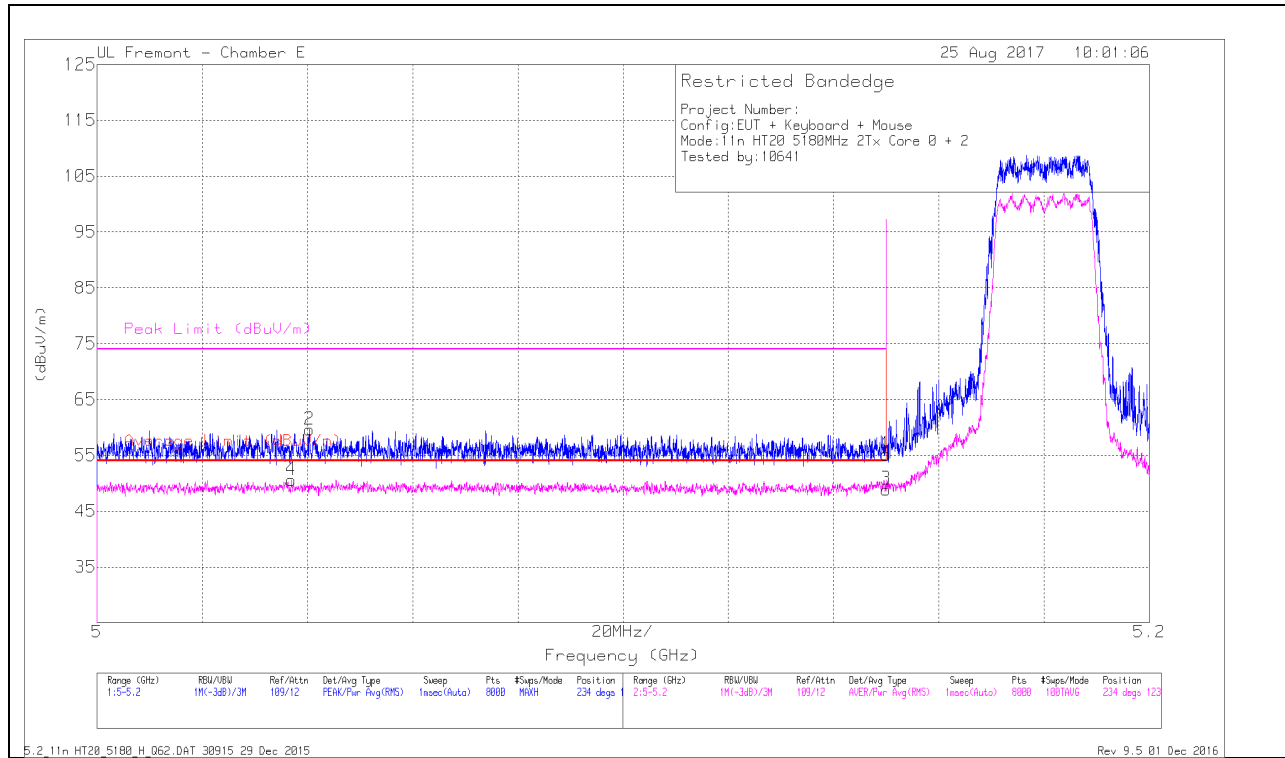
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.89	Pk	34.1	-18.4	0	54.59	-	-	74	-19.41	60	161	V
2	* 5.148	45.14	Pk	34.1	-18.4	0	60.84	-	-	74	-13.16	60	161	V
3	* 5.15	32.98	RMS	34.1	-18.4	.12	48.80	54	-5.07	-	-	60	161	V
4	* 5.147	32.86	RMS	34.1	-18.4	.12	48.68	54	-5.32	-	-	60	161	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**2TX Antenna WF4 + Antenna WF2 CDD Mode**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



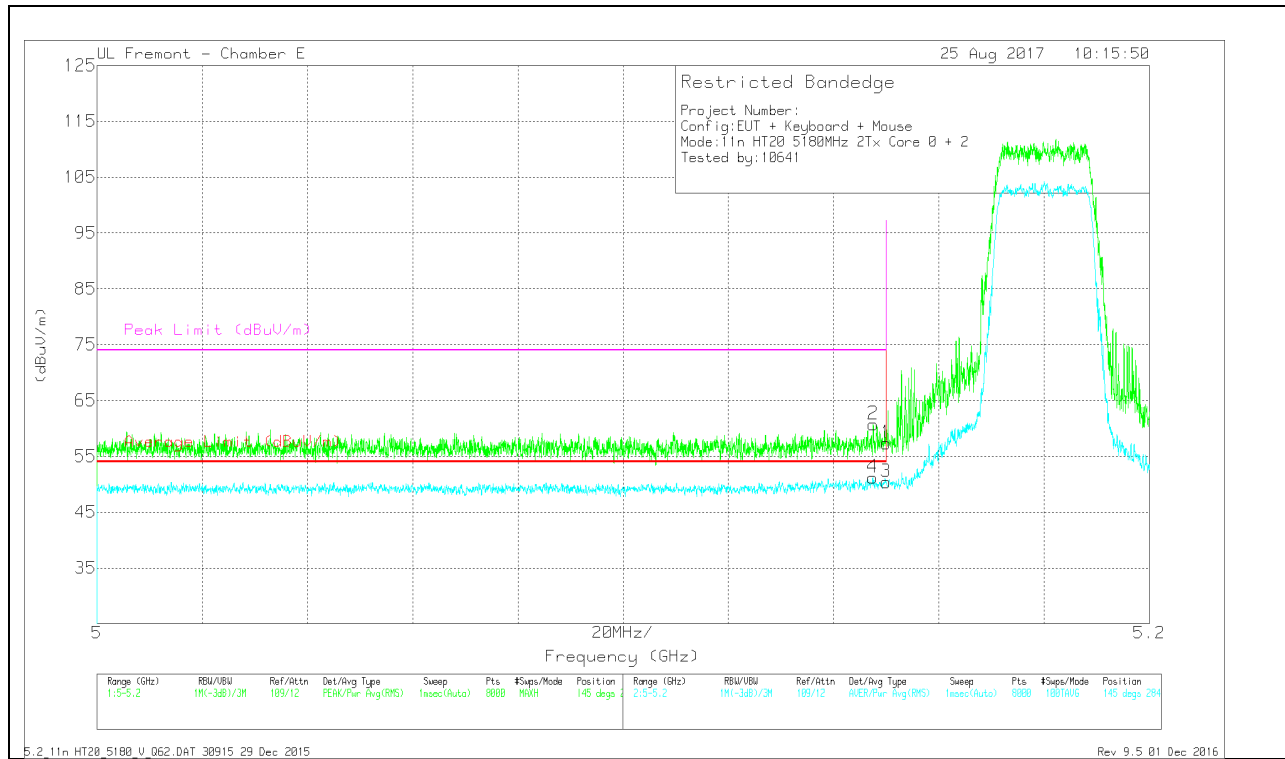
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.66	Pk	34.8	-18.3	0	55.16	-	-	74	-18.84	234	123	H
2	* 5.04	43.01	Pk	34.6	-18	0	59.61	-	-	74	-14.39	234	123	H
3	* 5.15	32.18	RMS	34.8	-18.3	.23	48.91	54	-5.09	-	-	234	123	H
4	* 5.037	33.78	RMS	34.6	-18	.23	50.61	54	-3.39	-	-	234	123	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.86	Pk	34.8	-18.3	0	57.36	-	-	74	-16.64	145	284	V
2	* 5.148	44.26	Pk	34.8	-18.3	0	60.76	-	-	74	-13.24	145	284	V
3	* 5.15	33.67	RMS	34.8	-18.3	.23	50.4	54	-3.6	-	-	145	284	V
4	* 5.147	34.49	RMS	34.8	-18.3	.23	51.22	54	-2.78	-	-	145	284	V

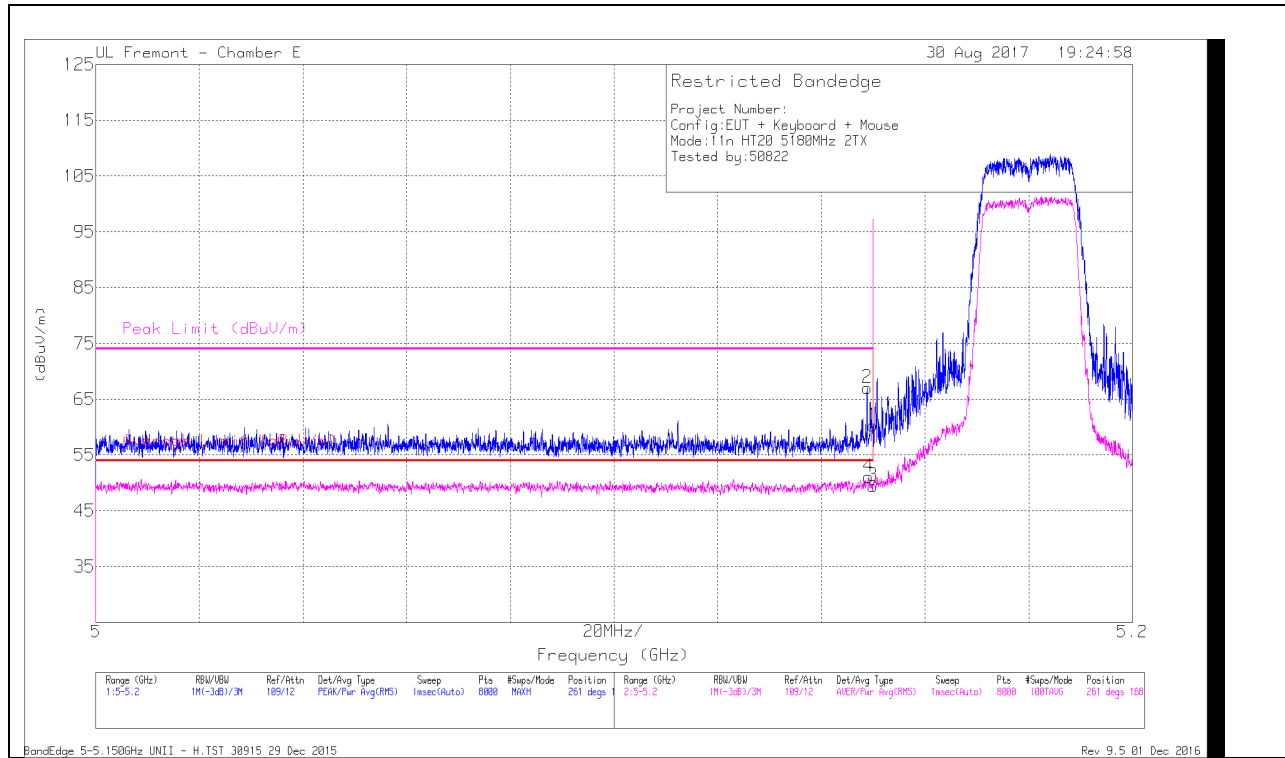
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection



**2TX Antenna WF4 + Antenna WF2 SDM Mode**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	50.55	Pk	34.8	-18.3	0	67.05	-	-	74	-6.95	261	168	H
4	* 5.149	34.33	RMS	34.8	-18.3	.23	51.06	54	-2.94	-	-	261	168	H
1	* 5.15	43.77	Pk	34.8	-18.3	0	60.27	-	-	74	-13.73	261	168	H
3	* 5.15	32.72	RMS	34.8	-18.3	.23	49.45	54	-4.55	-	-	261	168	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection